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SEQUENCE LISTING

<110> Friedrich, Glenn
Zambrowicz, Brian
Sands, Arthur T.

<120> Novel Mutated Mammalian Cells and
Animals

<130> LEX-0051-USA

<150> US 60/157,651

<151> 1999-10-04

<160> 574

<170> FastSEQ for Windows Version 4.0

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<211> 442

<212> DNA

<213> Mus musculus

<220>

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gctccggtgg	cattgcaacc	ccccacccc	cgccatccaa	ccttgcaatt	cnthttgcagt	300
cagaccccaa	acccacacc	ttccccggag	ccccctcca	taaaaaantg	ccttcccccc	360
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<211> 238

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<213> Mus musculus

<400> 2

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aagtgataat	agagaagaca	aagatcctgc	aaaccaaaga	aaacaccaga	atthtttccct	180
ccatgaagat	ggacaaaact	taaaccaa	ttaaagtttct	tgattaaatg	caaacact	238

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<223> n = A,T,C or G

<400> 3

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acctggactt	caagcctgaa	gaccagcccc	atthttgacat	aaaggacgaa	ttctgatgtc	180
tagctgagaa	gcagccggtt	ctagggagaa	gtgagggggac	aggagttaag	tgccccctcg	240
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aaaaaaaaaa						310

<210> 4
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<400> 4						
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cgcgccacac	cgtcgatccg	gaccgccaca	tcgagcgggt	caccgagctg	ctgatgcaga	180
gaattgagca	gctttaaatt	tagatttcaa	tatttgagag	aatcagtaa	atgttcatac	240
tcgttaacta	tgtcaaactt	tttattttat	aaaatatagt	ctgctaatat	gtatattggc	300
ataagaattc	ccaacagcat	tttatgactc	cttgggttta	aaacctcagt	attaaattta	360
tcagtgtttg	tggtgcagca	catttaagtt	caacatagtc	cacacatttt	gttggagaa	420
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<210> 5
 <211> 283
 <212> DNA
 <213> Mus musculus

<400> 5						
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gttttgcatt	tttattgtta	gtcctaaacc	atggaagttt	gaacttaaaa	tgctgaagaa	180
gcaatgcaaa	gatatcta	cagcattcgg	gacaccttgc	cactcttact	tttcttttaa	240
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 <212> DNA
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<220>
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 <222> (1)...(252)
 <223> n = A,T,C or G

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ggagtaagta	ctantctgan	ntntgccgca	tgcntntgnc	taccacatg	gccatcnngg	120
tctcnatgct	gctntccagg	acanacgenn	anaggnagng	agctttggaa	tccacccctt	180
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tgacattgg	cg					252

<210> 7
 <211> 318
 <212> DNA
 <213> Mus musculus

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ataggtacta	acagtccagt	acaatagcaa	acaccaacca	tgaatcagta	gcagtggcaa	180
gatccagcag	aaacagcaag	actccatcga	atcggcacia	gtcaacggaa	gacgccagaa	240
tcagctggaa	tatcataagt	tctctggcac	atttctctct	gtgaagtga	gaccaataaa	300
aagatcagtg	aagaccgg					318

<210> 8

<211> 411
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 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

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 gtcgggggtgc caagaaaaca ggcattctata cttctgatag gaagtttgtg caaataaaag 180
 aaatgggttcc agaatttgtc gtcccggact tgacgggctt caagctcaag ccctacgtta 240
 attaccgagc tcttgccaggc atagacacac ctctgaccgc caaagcgctc ttccaggaaa 300
 cagttgcacc cgctatcgaa aaagacttta aagaagggac atttgatgct aacaacctgg 360
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<210> 9
 <211> 579
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(579)
 <223> n = A,T,C or G

<400> 9
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 gaaccacact ctcttctcag ggtctcagaa tggcctagta catatctgga gcctacaaac 180
 aagaagaata gttaccactc taaatggcca tggggggccag ggtgtaatct ggctgaagac 240
 actgccacag ggacaccagc tcttcaggca ggggtcganac ctgctggctgt gcctgnngga 300
 cctggaggan ggcaggaaca ccatcatgga ctcanntnag ntggacagtg tgggcttatg 360
 cagggggtcc atcctgggtc ggggacagca gtgctggatg cttgctgtgc canggaaggg 420
 cagcgacgaa gtgccacctg cgttaganat gaanggccaa gaagctgagt gacctncaa 480
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 atcttngtgt gtctgtgggt tgggctgaac taataacca 579

<210> 10
 <211> 236
 <212> DNA
 <213> Mus musculus

<400> 10
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 gctcacacgt tagcgctgaa tgacaagggc caggtgtatg cttgggggtc cgactctgac 120
 ggacagcttg gcctacaggg atcagaggaa tgtatcagag taccaggtta acaaaggtga 180
 ccgcacagag gtccttaagc ttctataata aatttatcta tctaaatcaa aaaaaa 236

<210> 11
 <211> 375
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(375)
 <223> n = A,T,C or G

<400> 11
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caatcgctgc	cctctgtgcc	agcaggactg	ggtagtccaa	agaatcggca	aatgagaggt	180
ggcccaggcg	ctcctggtgt	ggttgctgac	cctggacaaa	gactaaacac	tgcaggggat	240
tcattccttga	gagagagagg	atgctgtgcg	cctttgagac	tcaccaaagg	cttgctttat	300
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ctttcctacc	ttggg					375

<210> 12
 <211> 404
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 12						
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ttgaccaaga	gcagacggga	aaaggaaagg	cgctatacaa	actcgtccgc	ggacaatgag	180
gagtgtaggg	tccccacgca	gaagtcctat	agttccagng	aaaccttgaa	agctttcgat	240
catgattctt	cacggntgct	ttatggaaac	agagtaaagg	atttggtcca	cagagaagcc	300
gacgagtata	ctanacaagg	acngaatttt	accctaaggc	agttaggagt	gtgtgaatcc	360
gcaactcnaa	gaggagtggc	nttctgtgcg	gaaatggggc	ttcc		404

<210> 13
 <211> 314
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(314)
 <223> n = A,T,C or G

<400> 13						
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atccctgcta	ctccgccatg	tttgggcccc	aaggcttttg	gcgaggtgga	gctganagcc	180
acactttcaa	gtagaccgag	gttgtggaaa	ctctccctgc	ccgcccaggc	acatgccagg	240
ccttaccctt	ggacagcagg	gctctcgga	accctcagtg	cctttaataa	acctgatctt	300
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<210> 14
 <211> 336
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(336)
 <223> n = A,T,C or G

<400> 14						
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atgccaaagg	agaccgtatg	cttcggaatg	ctcaaggcta	aggcccaggc	cctgggtgcag	120
tacctggagg	aaccctcac	ccaagtagca	gcatacatac	agcgtgagat	gccaggactt	180
ggaaggtgcc	attncnagg	tggncaacct	tntgntatnt	ntgtatgcca	nggagaccgt	240
aagcttctaa	tgctctnggc	taacgcccac	gccctggtgc	antacctgga	ggaacccctc	300
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<210> 15

<211> 280
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(280)
 <223> n = A,T,C or G

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 gttcttncct ttttgaagan cttaaancct agganccctt ngctctgtcac accaggcctg 180
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 tggggacctt tccttttcca taccatgggg ccaggatatg 280

<210> 16
 <211> 329
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(329)
 <223> n = A,T,C or G

<400> 16
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 angagnctg ataaaagaag tnaagctttg aaaggctctg caccttgccc atggccatca 180
 ctaactgctc cgaatccaca agatgaagac gtcggctaaa cttgagcaag ctttggtaga 240
 tgggaacatg gaacatcact gtacacttat ctaagtacca tttataatgg tggcattaat 300
 aaatgtatct gtgaatacca aaaaaaaaa 329

<210> 17
 <211> 374
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(374)
 <223> n = A,T,C or G

<400> 17
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 ccacatgcca aactgctctg gagtcgccg aggcacagc agatcccagc cgagccttga 180
 gagaggactg tgatctgcct tacgggtcac ctcaactcagg actcagcgt cgcacgttgc 240
 agcagctcca gacccactg ntaccggaaa gttacaggta ccggaaccga gaagaccaag 300
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<210> 18
 <211> 396
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

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gccaagtgat tcagataatc accacaagta ttacatatt ttcaacagct ctatcttctt 240
tgtgattttt tttttaatta ttattatttt tagcctgaaa agngaataaa aaagcttggc 300
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tnaattaagn attttaatttt ctaaaaagta aatggg 396

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<211> 115
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G

<400> 19
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ggngtgactt tgtccantta caaacccaat aaacaataga gtggaaaaaa aaaaa 115

<210> 20
<211> 427
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G

<400> 20
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ctaccgttac ctccagctgc gcagtgccag gcgccaggct gcagaagagc agaagacctc 180
aggagtcctg tagagcagcg aggcgtgagg cctgcggcct gaaatggaaa agattttcct 240
gcatgtcaac cctggcaaga actaggcccc catgcctttc aaacctgctg ggctaaaatg 300
ccttggtttc tgtagtgcta ctagcttgag ccgttnctga cagtttatgg aggccatcaa 360
gtaaatggga atgtgagggt gaggtttatt acagagatta aatattttgc tttgttaaaa 420
aaaaaaaa 427

<210> 21
<211> 362
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(362)
<223> n = A,T,C or G

<400> 21
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gaatgaaatc actctgtgga tcagtgtgta ccgggagata aagctggcat ggggaacttg 300
caggcagata ttctttattc atgtgctata atattttaca tgtaaaacttg gaaaaaaaaa 360
aa 362

<210> 22

<211> 330
 <212> DNA
 <213> Mus musculus

<400> 22
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 tggccgtttg ttctactagt caacaaagac tagtatcttt ccgttctaag ttcattcattg 180
 aatgagattg ttcttctgat tagagtagaa aactgaaggt tcatgattat ctaggtaaga 240
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 aaatttagat ttctgcatga ataaaaaaaa 330

<210> 23
 <211> 535
 <212> DNA
 <213> Mus musculus

<400> 23
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 tgccggccctg agagtcagggt ggctgcaaaag gacaaccgcg ggtgtggtgc cacaggaggc 120
 accgagagcc ttccacatga ccaaggccat gttgccaggg acatatccta ggaccccaga 180
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 agggatccgt ggtatgatgg gaccacccag acctcaggct gacctagggt gaaccgatac 360
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 ctctctgaga tgatgtcatg tgtaaactact gcttcggctt cgtggctttc atgggtttca 480
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<210> 24
 <211> 244
 <212> DNA
 <213> Mus musculus

<400> 24
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 ctgagagtct caagctcgaa gctggagaca agaagcctga aaccaagtaa cttcaaaaagc 180
 atgtagatcc tagaggaaaa ggcctcacct aaggttgtct gtaaataaac tccaatggac 240
 attc 244

<210> 25
 <211> 439
 <212> DNA
 <213> Mus musculus

<400> 25
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 cacttgacc tgaactctgt gtgccttttt gtccaagcac agggctctgtg ttacaccagc 180
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 tagatccaaa cagcacaat ggacttttct tttcaagatg gacttggatg gtattgtaaa 360
 tatcatagtc atatgatcag ctccagctga catctgagt accttctaaa gtcagcctgc 420
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<210> 26
 <211> 107
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(107)

<223> n = A,T,C or G

<400> 26

tgggctccat cgccancact gtngaaaca aaaaccaaacc cccgaaatgc tnacttattc 60
atcaagggga gtttgaccaa tgctttgggg gccttcaaaa aaaaaaa 107

<210> 27

<211> 256

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(256)

<223> n = A,T,C or G

<400> 27

gcttttagcaa aacaatcaac aatccagtaa gttgctgtat gattggaggc atatgcaggc 60
atctgtgcaa gggcaacatt cttcagaatg gcaattgtgg agttactagt ctcaactgct 120
gcaagagaaaa atagagaaga agtcaaagat ncagtgaacc naagaaaaca atttgcacct 180
ccatgaagat gaaccaaaca taaactaaat taaagttcct tgattaaatg caaacgcatg 240
ttggtaaaaa aaaaaa 256

<210> 28

<211> 135

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(135)

<223> n = A,T,C or G

<400> 28

cagaatggct gatacctgca aaatgaaata ctnagtgtng gacagccctt tngngaanat 60
ggagctgtct ggctgtgagc gaggnctgca tgggatacgg ntgctcactg ggaanacccc 120
aaacactgac tccgc 135

<210> 29

<211> 186

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(186)

<223> n = A,T,C or G

<400> 29

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gcctatgaga gcagtgaggg ggtggagaga anagggtggat gtccccctta cttnaacat 120
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gatatg 186

<210> 30

<211> 335

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(335)

<223> n = A,T,C or G

<400> 30
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caggaccccc ctggaggaca agagaggagt cggaaggaga agggggagaa gcaccacagc 120
gactctgagg aggagaaagtc tcaccggagg ctgaancgga agcggaagaa ggagcgggag 180
aaggaaaaga ggcgctcgaa aaaaaggcgg aaatctaagc ncaaacgcnn tgcttcctcc 240
agcgatgact tctcngact tctcanatga ctcanatttc anccccagtg agaanagtcc 300
cgcaagtacc gggactntag tccccatac gcacc 335

<210> 31
<211> 144
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 31
tcttgaagcc cagaacatga tnaagggttg ttcgggctcc ttgaatataa ctctacaatc 60
gagcttcagt gtgcaaggca cgagtgatcg ggtntcgtcc anaagggtga acctaataa 120
gtaaatnccc ttgtgccat tacg 144

<210> 32
<211> 138
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(138)
<223> n = A,T,C or G

<400> 32
ttaaatagaga gactcacnga nctgcacttt ccgcaaaagn ccnaatgng ggccccgtac 60
cctctgtacc cagcgganat agngcctgc tcttntcct cctgccgctt tcacctacc 120
ngcttcactg gatgccca 138

<210> 33
<211> 480
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(480)
<223> n = A,T,C or G

<400> 33
gactgagctt agggcngtct aagaataatg ctatnataaa cagccgacct tantgcaaag 60
atattggcgt ttccaagaca acaagataca agatatatgc tttggagncc taggagaatc 120
ttggattcaa agacctgtan nggncaggta ctacagtga ggtcaagagn ttgcagcaag 180
angactcatt natagaagga gtgancgacc aangccttgt ggctgtggtg ntcagcttgn 240
cgntgaccgn tactntcctg tatgcacttn tcagaaatgt ncnnctgaa catncatcca 300
taaaaccang agctaggcng agtgcttcna gaacaatncc naacagaaca ggatgtgnct 360
gctcctgcc gacagcagta tctacactga aatgnnctgt ccaatctgct tacatcaagc 420
ctcctttcct ngttgaaaca aactgtggac atctcttttg tgggtctgct aattgcatac 480

<210> 34
<211> 219
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 34
tcactaccgc gtgttccaca ccattagtca nngagggctc actctaggac acaagctanc      60
ctaggactgc tngaggnccc tncagcaaga cgannnggtgc ttngnganaat tttntcccca      120
tgtgnggntg aatangctgg aannncactt ttatcaccat ctgacccatt aggaccttgn      180
naacatagaa ttaaaagcga ntaatctgga aatctcaca      219

<210> 35
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 35
cttatatatt gatgccaaaa taggancatg gtgngncnga cnnnaaggc canctctgga      60
ggcaaccct atgcatgcg ttggaacan caccgngcc tctggaaga anccgggnag      120
aggaacatg gangaggatc ctatggatgt ct      152

<210> 36
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 36
actgagggaa ctgcagcaac aaggaatgcc tgttcctgca cttgaagcca gttctcaagc      60
tccaggactg cccgtggtat aaccaagggt tctgcaagga aggtcccctg tgtaaatacc      120
gccatgttca tcaagtactg tgnccaact acttcaccgg cttctgcccc gagggacctc      180
agtgccatt tgggcaccat a      201

<210> 37
<211> 219
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 37
gggggcggaa agcgaaaacc actccaggnt ntnnctttgc tttgcgttcn ctggatccac      60
ccccacgcct ggtaaggnc aagcaacat gccaggncat agaggagag taaggctata      120
gaagccaatg gagggaggg actcatggaa agntggccca aacccaacct gacccacac      180
tggcaccttg ctagcccaat aataaacatt ttgctgac      219

<210> 38
<211> 289
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

<400> 38
gaggactttg gaaatcctaa atggccnagc tactgcaatc tccacccagg ttccttcctg      60
aggagtggta tattgctaac aaaagccagt accanagagc aagaggncce ataaggtccc      120
tgnnnctaga acgcttggtt ggcannagag ccagaaggct tngtngngaa gaaattgaga      180
agaccaccag gaagtctnag tagcgacgtg aacaangaaa ctttgngnca gagactntga      240
gngagggtca agngttctcg ggaagnaagc nnttacaatg acaaaactt                    289

<210> 39
<211> 138
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(138)
<223> n = A,T,C or G

<400> 39
gccataatta cttcttggtg aactctcnga ggtcggacng gagangtgac atggntcctt      60
anattnacat gtgcttacgg agaaacnggn ggtgcgtctg aanagcccag aacacagtct      120
cggagagtct ggcccccg                                     138

<210> 40
<211> 129
<212> DNA
<213> Mus musculus

<400> 40
taagcctggg tggcaacctt caggtggcac tggaaactac ctggttcctg gacatgcccc      60
gtagaaggcg ggggtcccag cggcagcagc taaggttaagg gatattaaat gtatccataa      120
acaaaaaaaaa                                           129

<210> 41
<211> 223
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

<400> 41
actgaggtaa cattcaggaa tcctgggntg atgatacatc agccttcggt tctctcagcc      60
agccagaaca agtacaaatt ggtagtggtc ctagacatat gttttgtttg ttaatgaggt      120
gggggtggtc acctttatga cagctgtggt ttcaggcagc tagctggctc acttagcatt      180
tctgcttggt ttatttttag cttgctagtt aaataaagaa aaa                    223

<210> 42
<211> 482
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(482)
<223> n = A,T,C or G

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<400> 42
gactgagggt tttgcggcct ccagggtggtg ggtccaattt ttcattaggc tttgatgagc 60
cagcagaaca gcctgtgagg aagaacaaga tggcttctaa catctttggg acaccggaag 120
agaacccccc atcttggggc aagtcagcag gttccaagtc tagtggtggc aggggaagatt 180
cggagtcgcc tggaaacacag agaagtaact cttctgaagc aagctctgga gatttcttag 240
acctcaaggg agaaggtgat atgcatgaaa atgtggacac agacttccaa gccaacctgg 300
cgcagatgga ggagaagcca gtgcccgtg ctcctgtgcc cagcccagtg gcttcagccc 360
cagtgccatn caggagaaac ccccctggcg gcaagtccag cctggtcttg ggtagcttc 420
ttngnattgga actctgncct tttgncctgnc tggttggttg cccatgcttg ggaactgcac 480
ag 482

<210> 43
<211> 379
<212> DNA
<213> Mus musculus

<400> 43
ctgagttaca ggatgttaga tccggtacag aagagaatga ggaaaagcta cttatcagag 60
gaaagatcac cgatcactgg acaaatecgt accaggctct ggacctgcaa cattccaacc 120
tctccacaca gcgcggtggc tctgattggc ccttcaacct ttacaaacac agctgctttc 180
taggaatgcc ctcccacact agcaattcca tcgccctacg agctaagatc tggcatcttc 240
gagtgccatg caagcagaga ttcaaagtca atgtctcaaa actaaatcac tttttcttta 300
tcttgagaca cacattcttt ttcctttggt tgacaataaa ttaggatgct ttgttttttg 360
gctttttcaa aaaaaaaaaa 379

<210> 44
<211> 487
<212> DNA
<213> Mus musculus

<400> 44
gactgagcat gaccctgcct ctcccttacc gccatgatgg atcagccagc tcagtaagcc 60
tgctcacacc tctttgtcct gacctggaag gaaagaaaga ctcgatgagc atgaggatca 120
gcacaccgtc tgcctcagct ccctcccgtc cccgctgtgt ttctccatct ctgaggcatg 180
gcatgctccc atccatcccc actgcgggaa tgaacccacg tgcagcagct cttcaccccg 240
gggagtcgcc atcggccacg tccttctagc tgtttaaaag tcaactagcc acaatctgga 300
gtcgcctggg aagagagccc caactgacat tgcctaggtc aggctggtct atgggtgtgt 360
ctgtgaggga ctgactgttg atccatatgg gaagacccag accaccattc cctgggcagg 420
tgaccctgga ctatgtaagt gaagaaaact tgctgaacat aggtggttaag caagcagtgc 480
ctccaca 487

<210> 45
<211> 458
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(458)
<223> n = A,T,C or G

<400> 45
ccgtaccgga agcatgaagc cagaggngcc atgcagaggn ccttgctgaa gctccaagct 60
cactgagctg ttagagcgcc tgcanagaga cagggangat ntgggttttt ttggaaacct 120
tatntttcca ctcccttttag cagngatcan gctgatacct tgnacagatct tctgcctgcn 180
caagtgtctg cagccgtgtg actgnntgta cncaaactag gacctgncca gacgncagtg 240
angatnagtn nnntgnactt gctgccttng cctgancaan gctatnacac tgaggctggt 300
cactctgaag gccttcaagc tgagccgcat tcacttggga gcagcttcta cgggtgtaang 360
ataggatnat ctgctccacg cacgggggtca ttgcaggnga agcacttggt gcaggnggcg 420
aaatccacta tactggtnga caaatgtgat ctaactac 458

<210> 46
<211> 174

<212> DNA
<213> Mus musculus

<400> 46
gagcagcacc ttggaatgcat agagaaccag gttccctttg gaaaatattc actcgcttcc 60
accagcccaa acccgaaggt accatcagta cgtgaggcct acaacagggt tctctgtttt 120
cctgtagcca gcctctctga tgctcccaac aatgtatttg aaaagcacct tgat 174

<210> 47
<211> 196
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(196)
<223> n = A,T,C or G

<400> 47
gactgagaaa aattttaagt gcctccttat gccaaaggaag ggccagggtt tggatgactt 60
caactaacag tagagattgc tgtcctaggg actaagnnta cacacatgaa taaangacgg 120
aaattccagt taaaaggnaa aggagnnctg ggggcctant cncnnggtc angncncaag 180
gactaagtat cgacgc 196

<210> 48
<211> 548
<212> DNA
<213> Mus musculus

<400> 48
gactgaggta ttgtccaggg ctttctcaca gtccttaaag acggacctca gacgtgcac 60
acgtggacct ctgaaaaaac catggagctc attgctccaa agccaactgg agagcttctc 120
ccaatcctgc tgctgctgct gttacagctg cttacaacag ccattgtcgt ggctagagtc 180
ttatatccac tgtgacacca taggagaaat gattccactt ttgctgtctt acatgacct 240
ataaaaaggag gcacatccca ttatactctc aaacctgtgc tgcactcagg gagaggttat 300
aacctcatta aggatctttg gagccatttt ttaggtcttg gcaaccatgg ttcttgaatg 360
ggtaactgct ggcagaacat gaaatccttc ctaaactgat tgtccacttt tttctttgac 420
attctcttga gaacagccac tagtttctca gtgtgcttag caaatatgaa tttacaatat 480
aaatcaatat ggacattcat gtttcacaga cttcaaaaatt acatctatga gcatattttg 540
gcacatag 548

<210> 49
<211> 208
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(208)
<223> n = A,T,C or G

<400> 49
tcagctggca tcaatcagga tcccatccct gagaggactg catcaactct tttggaaact 60
gtcttccac cttgatgccc tgcgctgtgc agcttctgaa aatgacanac agggaaacgt 120
caccctggcc atgghanantg naangctngg ataactagan gattttcttg gaacagatan 180
gncctttccc tagtgccata gaaaacaa 208

<210> 50
<211> 104
<212> DNA
<213> Mus musculus

<400> 50

gcacacgccca ttcacgctgc tcaagggcag gtcggcacca gtatcagggg cttcggcacc 60
 tgcaggaatg tcaaatataa catctgttaa tagtaaaaaa aaaa 104

<210> 51
 <211> 239
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(239)
 <223> n = A,T,C or G

<400> 51
 ctagacgatac actctnncna gagtgactct cgncgaaaac ngacagaaat ggctnncgga 60
 tgagatggac tctgactggc gaancacctt tgagcttgtn acctagcagc tggggccagt 120
 gagagngac tnaaacnctc ntgcctcagg ntcttanaac agnagtggcn attgangctn 180
 acanaataac atgcctnttg ggcaaggatg atnggnctcc tggctaattgt tcaatctag 239

<210> 52
 <211> 539
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(539)
 <223> n = A,T,C or G

<400> 52
 tgaggtagaa gccctcattc ttcattctacc cttttttcag tatctggcac caattctggc 60
 cccatcattt gtggcccatg gctcttggtg tatgcgaag atttacaggc agtttctgtg 120
 gaacatttcc ctgtccacct ctaatgaagc cccgtcaaac aagaacatgt gattttgctc 180
 tgactgccaa gaagatcagc acagactcca gaatgtcagc cgctctcaag ctattagaac 240
 ctttaaagta caaagcacct tgtaatcctg cttaccgtgc agcccaaagc gtggccatt 300
 ggcacatggg aaacatcacg ccacacgggg gacagacgct ccctgaatgt aatagctcct 360
 gccatcttgc cagaaaagtg aagaacggtg gtggtaccac ccttcctcgg agaaccttca 420
 cagccagcag tgcccacctg ggtttggagt tcaacaaagc ttctaccctt aatgccagca 480
 cactgcatnc agactcatcc agtgctggag gaggtgaaga ggatgtagag ggctttgat 539

<210> 53
 <211> 181
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(181)
 <223> n = A,T,C or G

<400> 53
 actgaggtct ttggatgcag cccagggncg caccaaatca tgaagatctg ctttaattcta 60
 ctgcgtcagt gctcggacta aaagactgtg ccaacacacn annctatcat gaaacttttt 120
 ttgtcngng acaggatctn gatagaacag gctggccctc aactgggttg gctagtagag 180
 g 181

<210> 54
 <211> 203
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(203)
<223> n = A,T,C or G

<400> 54
cctatgtgag aagctcngag ggtgangcac cgtttcgaac tctgcagtgt gcaatgaaga 60
cgaggaagtt ccagcatggc ctcgggggat gttggctaag ggacagagcc cgaaagagtc 120
cttcacagag accacatatt tatctccctg gatgctttat aggccttaat aaaaaaatat 180
caaaatagtc tataaaaaaa aaa 203

<210> 55
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 55
tgccctccatc acttgcaaag aaattgttcc catgggtgnta cttgncattc tattttcccaa 60
ttactctacc gccctcctac ttggcatgtg nttgcccagn tcacaggaga tggactatatt 120
attaaaaantc ctgaatcaga gaaataggga tctcaccagc ttgntgccag gaggaaggga 180
ancatgtctc accanaacac agctacatcg cctaantcag gatgaaaact ttatttta 238

<210> 56
<211> 133
<212> DNA
<213> Mus musculus

<400> 56
ggaggctgat ttttctttgc actggacacc accctgttag ttcctttggg caatggggaa 60
gtcctgtctg cgggctggat cttctaaaag caaaagtatt aaatgtttaa gagttttcct 120
ttaaaaaaaaa aaa 133

<210> 57
<211> 292
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(292)
<223> n = A,T,C or G

<400> 57
ggccatggct gggcttgnac ttctctctgc agtccgggan gatcctcttn cctcagccct 60
caaggngact gngacgatag gcngaccta ccatgccagc ctgattcccg tgaaactttg 120
ngaacciaan acttntgctc tnataangag cttaacantt cttntctgtnc aaancttggtg 180
ctanaaatgg ngtngtggtt gangactatg ncaaagaatc tcaggccnaa ggatgtcatc 240
gaggaatact tcaagtgcaa gaaataaata aatttttggt gaaaaaaaaa aa 292

<210> 58
<211> 496
<212> DNA
<213> Mus musculus

<400> 58
ctgagcccca ccccagacaa ctcttcatg ggcttcgtgt ccgaggagct caatgagacc 60
gagaagcagc tcatcaaaga tggcaaggcc agcaacatgg cgggtggtgta cggcaaggag 120
gcgagtatct ggaaggtgag cccagcaag cccactgcca accacaccgg ctccaatgag 180
ggccataccc acaacacttg ctgagtgtgt gtcacaccca cgccagtacc agacacattc 240
actgtacctt ctgtgccttc acaaggacag gccacagccc cttctgacac aagccgtgtc 300

caccgcactg	ccaccaccac	ccaagcatag	gccacagcca	cacagatcat	ctgcatgcca	360
gcgctggaca	cgcctaccgc	acctggttct	ggtgctgac	acccccataa	ccaggaaggc	420
tccagccaca	caatgacagg	gcttacctag	ccaaggccat	gcctctgcag	tccatgcctg	480
aagctgcagg	cacagg					496

<210> 59
 <211> 172
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 59						
gactgaggtg	ggtttggnct	gagtatacct	gngcaggagc	cataattact	tcttgtggaa	60
ctctcaaang	ccaggacagg	nggcctgggc	ttggctccat	ancncnatgg	cactnnaagg	120
tcacnacttt	ggctcngaa	ttcccnagtg	atggggaata	tatttaaaaa	aa	172

<210> 60
 <211> 162
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(162)
 <223> n = A,T,C or G

<400> 60						
gactgagtc	cagaaatcct	ggntaggagg	gcactttgac	caaggaggga	gtgtgtatat	60
attataccaa	gctccaaaga	ccctcacaga	tgtcttccag	gatgtcagat	ttgtcagcaa	120
cttgtcagat	gtttctgtgg	tcgtttggtc	aagaaaaaaa	aa		162

<210> 61
 <211> 163
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 61						
gcaccaaact	tgagacgagg	gattgttct	ggcctctagc	cctcctcaca	cccagtttta	60
tttattgggt	tggctcttgc	tctgagaggt	ctaattctct	ctcaattctt	cctaaactgg	120
gctgcatgct	gnctgagcac	aggaaagata	gcaggaatgg	aag		163

<210> 62
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 62						
tgaggacccc	cacggcacga	gtattctgtg	gccagggcc	ccgcctcacc	ctcctctgca	60
gtctctgtca	cataggcatc	catggagggg	ctgtccaagg	cttctacata	actccagaat	120
tggaagatgg	tgaactgctc	ccccgggcct	ggttggggcc	tcctgggcag	cttctgtaag	180
aaaaaaaa						189

<210> 63
 <211> 124

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(124)
<223> n = A,T,C or G

<400> 63
agtttgacaa ccaaaatgag nacagacttt accnatatac atcgaggatg aagagacttg 60
ctcccagtag agaaccactg gtcttgntct ttaagagtct gttctgactt tcctaggacc 120
actt 124

<210> 64
<211> 229
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(229)
<223> n = A,T,C or G

<400> 64
tgagggtgggg tctttcaagt gcaaggcctg gtgtgtacaa caggatctct tagaaagaag 60
cacagctggt ttctgcagt ngcgggcccc gaaccacacg accggcagct ccagccccag 120
accacagctc gctggatttt cagaagttcc ttgggccaga agtgccagcc agatcactct 180
ttctctcagg tcacatatgg tacataaatc actttgcaaa agaaaaaaaa 229

<210> 65
<211> 190
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

<400> 65
ataagcagat cctgggtgatg tgtgntcatt actgagagat tcctctccca cccacacaaa 60
ctgtatntac aggggtgggga cctgctggnc acaggcatgc caatactgtc tgaagactng 120
tatttgcatg anaccnttga cactgatcac ctctcanctc aggcctgact ccaaccacag 180
ggaggagatg 190

<210> 66
<211> 331
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

<400> 66
gactgagact tggagcaaga cttctttaca gccaacact gaggttccca ggtacgagnc 60
acaaggaagc catgtgattn ctgngtcgcc cagaggctct gcagcccctg cccctcctct 120
ccaccgagct cccttcacag gattgcacct ctgccagcca ggaggctgga gtgtagatgc 180
tctatgaggt ggctgtgccga gaagagccac gccaaggcca tcttgagac tgaaaggagn 240
nngnttgcc cacactctat ccctgcccac gcacctttgg ccatgaactc cgtgacaata 300
aagatgggct cctgagagac caaaaaaaaa a 331

<210> 67
 <211> 239
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(239)
 <223> n = A,T,C or G

<400> 67
 gttccataat gggagtggtg agcngggccc ccctactgtc accccgagga gcagtataca 60
 ctcggggcaa cggccctgcg gtccgtcatc atctttgctg gcttccagac agctccgatt 120
 cagacgtgga ggaagtgacc atggaagana nncccgatc ctcccgacct cccagacga 180
 atctggcaaa cctacgcagg ggctggttag cctccccagg acccgggatc agtcaagaa 239

<210> 68
 <211> 112
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(112)
 <223> n = A,T,C or G

<400> 68
 aactgagaga ccctgggaga aggtcaacaa caagaatgan ttgagtnntt gnnnaatacc 60
 cncagggnn gtgttacaca cttnaagggc gtgggtcttg tgcttctcac tg 112

<210> 69
 <211> 113
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(113)
 <223> n = A,T,C or G

<400> 69
 agttaataag gggggngctg gcggacaccc tcagcctgac ngtgcattga tcccgacttt 60
 gtcagatgga ctttnaagac ctatttcaat gaaatggtg agaataaaaa aaa 113

<210> 70
 <211> 617
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(617)
 <223> n = A,T,C or G

<400> 70
 ctccctggac acctcaagga agatggttct tcatctagaa ggccttccat caatagccag 60
 gtagcctgag ctacatgaca agatcccagac tcaagacaaa cagacctcat atctagtcac 120
 cataattatt gtttatttag acttgctccc tcctccctct gatttcccag gagcctgtgg 180
 gtatcctcag tctctgagaa aataacagcc agcatctggt acaggggctc tcgggtgcttc 240
 tccagtgagg caggaacaga taaatgagaa aaggaaggaa tcaggttgaa ggcttccgct 300
 gccatcttgg atgaagaggg atccagaatc cagcctggag gtcattgtat gctctcgaca 360
 tttccaaagt gcctcttgtt gcttctcacc acaaccaaga gatgcacaag gaaaggaagc 420
 ccataccctg tagtttgcaa gccccagtg tgccgggagg gacctgctca aggtcagaga 480

aggattcaag	tgctaaatgc	acagtccatc	cttgctttct	ttggatattt	tgctcaagna	120
tgtatgtgtt	gggtttgagn	acttatattg	tagagtatgt	caaataaata	ttgatttacc	180
aaaaaaaaaa						190

<210> 75
 <211> 192
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(192)
 <223> n = A,T,C or G

<400> 75						
agactgagtc	ctggtacctg	ntgtngccgn	gttgcccttc	ctccctnctt	ntcanngggg	60
gantcccagg	gngaccgnnc	cagcctgcat	ttttgggtgga	aaattagatg	gagtgagaag	120
ccccctgcgg	actcccagct	ggatggaaaa	gacaggagga	gaaaaggaca	aagacaaaca	180
ggaaaaaaaa	aa					192

<210> 76
 <211> 107
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(107)
 <223> n = A,T,C or G

<400> 76						
cccattatgg	gctccactat	gttggnccgac	acctctgnct	cctgcaggag	atatcgggng	60
nggcccnag	cctctgtcnt	taaactacct	catgctttta	acatcaa		107

<210> 77
 <211> 401
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(401)
 <223> n = A,T,C or G

<400> 77						
gactgaggct	tgcaactccc	gggggntctg	cctctgcntc	tcttgccctc	gctgttggtt	60
ccctctctgt	ccagctcccc	tcccgnctctc	gccctggaga	atggctcaaa	aggagaacgc	120
ctacccgtgg	ccctacggct	caaagacggt	aaggctcctg	ccacattccc	cgccccacgt	180
cccccggaag	aagagtccat	gaagatagag	gctggccttg	caaatggccg	gactctaagc	240
gtntncgacg	tgtgggctc	aagaatttgc	ttgcaaaact	cagtctgata	acttgacgtc	300
ttaccgtagc	agatgttgcc	aacctgaatc	tgagggcttc	cgtagagctg	agcctgctcg	360
tcacgtacaa	taatagttgg	gactgagcaa	acatcataaa	a		401

<210> 78
 <211> 127
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 78
agaagaacaa cgtaananaa tgantgcttc tctggtaaaa cannggggag ggggntatta 60
accttcnagg atnctgtttt tcgcacttct catcannaag aatgggaatg tctcaatttt 120
gctcaga 127

<210> 79
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 79
ctgagtgtga tccctgggac ccacatgatg gaanagaana gagcaacctc ccataaactg 60
ncctctgact tctacaccaa ngctgtatgt agcatgtgcc cacacacctt catgcgcata 120
cacaacgaaa ataaaaagca aaaga 145

<210> 80
<211> 110
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(110)
<223> n = A,T,C or G

<400> 80
ggattctagg gaatgacana atttcctgga ngatgaatgg agggnggna tgntaccctg 60
tgcctgacgn aggcantaac cgtgncagat ngtgacaatt tagaaaatat 110

<210> 81
<211> 322
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 81
tgtaaaggga aataagggac ggctgaaca gacttcctgc tncctnctgtt ggggnngggg 60
gngatggcca cagttaacaa aggcaaacca caactaagga aaaagggtaca tccagcantg 120
gctaattcca caacnaaagt catatcgga gaaaagatgg ngctgtttct ttactttnaa 180
nataaccag aggtcatant aaacaatang nggggagatc gaaaggctct gctatcacag 240
gntccagtgg caaaaggngag tgtgcagact tgggggcca naattgcatn ncaacgcaag 300
cagcattgca tgattttggc ac 322

<210> 82
<211> 108
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(108)
<223> n = A,T,C or G

<400> 82

gactgagcct gcctggatgg cagtgagcct cagttcgttt aggtcgtctc tacctgttca 60
gcttcagtga gcacaacacg ggtaaacctn tgcttgagct cgagtcct 108

<210> 83
<211> 277
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(277)
<223> n = A,T,C or G

<400> 83
actgaggtgt gacgaagaac agtctctgta catgaagacg aagacgactg ctctgggctc 60
aggtatatct naaccttggn tctgatctgn gagaaaaaga gaccacctgg atctggcatc 120
ccggnnttttg aatccaaaca tcctctctct gaggnntnttt ctctnaggg aagnttcccg 180
ctngncagct tnganacct canaagagag ccttgnattg gaaacgtctc cgttaaangc 240
gataacatgc ccttcgntat tcaccacaaa aaaaaaa 277

<210> 84
<211> 133
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 84
actgagaaag ctgttttttt taattttgat tttctcaaga cataaagtga aggctgcttt 60
tcactgtct gcactatcgg nntggngnngn ncganngcc aactaaccgt atataaccct 120
aggaaaacttt taa 133

<210> 85
<211> 332
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(332)
<223> n = A,T,C or G

<400> 85
gggccttgga gcctagaatg acagcaaagt aaaaccagtc tcaactcctg aaggctctcg 60
nnctgcacca ggaatgcgtc catagccaga tcctgcaggg gagacctgac aagatgagag 120
acagcacaga cttggaagcc ccgcctcctc tgtggatctg aaggctcctc tgtagaaaag 180
acaggacctg gggcctgaga ggcgaggccg ctcaacaaca gaacagctca tgatgaagct 240
gagtcctggc tcgaactcgt ggacttgacg ccttgagcaa ccatgcctgg cttggcttta 300
ctgttaaaaa tacttctctg taataaaaaaa aa 332

<210> 86
<211> 327
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(327)
<223> n = A,T,C or G

<400> 86
actgagggca gcatcgagc cggcccaang gcaggggagc gcgggggcaag ctcaacttggg 60
tccttgaaaag gccaaaggcg ctcagaagcc caccgcccag gacttgcgac aagctgggcg 120
gcggccgaag acagtccttg ngagagatgc ccagnatccg gcggggctgg cttcgagat 180
gcccgtgccc canccaggct gtccgctgag atgcccgtgc ggctgcttga tcggctcgga 240
gcagcttccc ccaggaatga ctccagccgt ctgggaagca aggagggaca gggtttggag 300
caataaatgt ccccaaggcc cgaaaaa 327

<210> 87
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 87
accgaggact tcagggccct gnanaagact gttgaggaca tnaanntatt ctaanccacc 60
ctcctgntct tctttctcct nctgtccnc atnatncca tggaaagcct tgcttgagc 120
attctntcat gcttnggaac tntctggatt tctacnctca nanacatgct ttgtactggc 180
ta 182

<210> 88
<211> 198
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(198)
<223> n = A,T,C or G

<400> 88
agatctcata cacagttgcc aaactgaatg ctgccatttc agaacgtgaa gaggntanag 60
ggagannnga nctgnttnat cctgttanng tagactgnaa gctatggcaa aagagcnanc 120
acaagagctg acaccagatg tnnacaangc ccatgagttc tcnacctgan gctngatact 180
tcctaattag acgacaga 198

<210> 89
<211> 409
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(409)
<223> n = A,T,C or G

<400> 89
gggattctag acctggatga catcctnngg gacggngctg atgacaaaga cagactggta 60
gcagtatttg atgaacagga tocccacat ggaggagatg gtaccagcgc cagctccacg 120
ggaaccaga gtccagagat attctggcag tgagctgggc accaacaata gtttctgctt 180
ttcagcctta tcaagccaca agtgaaattg aggtcacgcc tttagttctt cgggcaaata 240
tgectcttga tgnccngccg gagcancgac ccagctttta ctggccttn cacttctgtc 300
agtgatanca actnttcta agaggagncc tccaggaaaa accncgaccc gntggtccac 360
gacagctngn tttctcaagc aaacaccngc tgggaagtcc caaatcctg 409

<210> 90
<211> 103
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 90
tgctaaatcc cacacagtaa taaatccggg acctcctgan acagntgnen cangagcnen      60
nggctttatt nttgaagcac cttccacccc caacttcctt gac                          103

<210> 91
<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 91
cctcatgcta atgtaatgca cggcncnnac cctgaccag tgactactgg tgggccatag      60
cnngctcacg ntgaagccct gcacaccctt gacctgagct ggat                          104

<210> 92
<211> 239
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(239)
<223> n = A,T,C or G

<400> 92
cagaagacat cccaccacat ggnccctgtg tttgtcctga tgagcgctg cctggccacc      60
gcaggtaatg caccttctca attgggaggg tcttaacctt ctcttgaatt cctatttcct      120
tctcccctca gtctctttgg ctaaaaatat ttagtcata ttatcttatg taaaatgtga      180
atatttatgt tatttaggta aataaaatat ttgactatca tactgataca taaaaaaat      239

<210> 93
<211> 322
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 93
gagtgcctggg acttgaaccc agatctcagt gtctactaca ttctcaaccc tgctttctcca      60
aagacagcgt ctcanctata ctctgtagcc atggtcagcc tggaactccc aagagatctg      120
cctccggagt gctgggatta aagatttcta ccactacacc gtggccttac aaacggaggg      180
gataggacat catttaattc ctgaagagtt cctcagacaa tcagttctta ggccatccac      240
aaactgatca cttggtttgt tgctctcctg aatgtggcct aatgaaatta aatgtagttt      300
ctgccccagt gaaaaaaaaa aa                          322

<210> 94
<211> 359
<212> DNA
<213> Mus musculus

<400> 94

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atccctgcgg	tgggtgggaa	ggagctggat	cttcacgggc	tctacaccag	agtcactact	60
ttaggcggat	tcgcgaaggt	ttctgagaag	aatcagtggg	gagaaattgt	tgaagagttc	120
aactttccca	gaagttgttc	caacgctgcc	tttgctttta	aacagtatta	cttgcgagcc	180
ctgggtccag	tgcccagcat	ctcatagccc	agatctgggt	gcacatgcct	gtgattacag	240
cactgggaaa	gacatgagag	cagagaggaa	aggacaagag	aagagaaaat	ggtcacctta	300
taagtgtttg	ctgtaaaaaa	gtttttatca	ttaaaagatt	ttaaatcaca	aaaaaaaaa	359

<210> 95
 <211> 116
 <212> DNA
 <213> Mus musculus

<400> 95						
gtaacatctg	cacctgggtc	caggctccaa	ggatgaattg	gtgggaatgg	gcctcccccc	60
accttttata	agtgcattct	ccattaaaca	tttgagcctt	gatcaaaaca	aaaaaa	116

<210> 96
 <211> 271
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(271)
 <223> n = A,T,C or G

<400> 96						
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tnntacntga	cacttncttc	cctgnncgac	agggggccgt	gctganannn	acctgaagat	120
gagatncana	ccctgganat	atggngggcg	angccactgc	ngctgcagga	gatngncact	180
gtcgttttat	gtttcctaga	tcagaaccan	gctacagccc	aggaaacacc	tgttttctgta	240
aataaagttt	tattagacag	aaaaaaaaa	a			271

<210> 97
 <211> 165
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(165)
 <223> n = A,T,C or G

<400> 97						
actgaggagg	ctaaagcaga	agggtcactg	ntacttgggg	agtgacttca	aggccagctt	60
caacaactta	gtgggaccct	gnctcaagta	agtaaaaaga	agactggaat	tatagctcaa	120
ttatagtaga	acacttgccc	attatgtatg	agaaaataaa	agaaa		165

<210> 98
 <211> 307
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(307)
 <223> n = A,T,C or G

<400> 98						
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cgangncacc	gccctgtgag	cctctncttg	cggatgcccc	accagcccgt	cacaagctgt	120
cacccgagtc	tccgagaaat	tctctgggga	gacctnagnt	tcagctctgt	caccacatc	180
tgctgccatt	gtggggggct	tcaccccaag	ccctagnagag	gcgcatacgn	ccttggactc	240

ccagacccac tgaaaaaagt ncntctttca ctcaggncctt tgncttggnc tctgggtatg 300
ggagcag 307

<210> 99
<211> 354
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(354)
<223> n = A,T,C or G

<400> 99
ctcgagccaa gaacctttcg cccgccccgc cgcgcgcgacc cgtcccactc tgcgcccngn 60
ccgngccgccc aatggaaaaag ctgcaaatgg cgcgaccagc ctgccgcggg cgaccggcag 120
aaattcgggtg tgtgcaagcc cgggaaggct ccgtcagacc tggaggtggg gacagcgtgt 180
tgcaggcccc ggggagatgg cgcctacacg cngnncggcc tccatctctc ccagggttcg 240
ccaagccacg gcgcagccaa ttggctcgga gacatggcgg ggtgcctttt cgccttggct 300
ctctgcggca ctctgctgcc gataatcgac gccttggaac tggaaaaaaaa aaaa 354

<210> 100
<211> 370
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(370)
<223> n = A,T,C or G

<400> 100
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ttttatcaat ttggagntgg aancncaccn cgcncgncct ttnattagnt agnctgggtg 120
catcaaccat tactaccttg naggntttga anggattagc cccatancct gggggttttt 180
actttttcca gacaagntct caagnatccc agggnggctt cctgactctc tcnagtancc 240
gaggataacc atatacttct gatcccacct gnacctnctg agtcctgttt taatggggng 300
ctgagactcg aacccatggc ttncncanag ctangcanac gcttttcgag ctgagctcca 360
ccccagcct 370

<210> 101
<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 101
ccagcctggc ctacattgag aaacctcatt ttngnaaagn naaatacttc gtcaattaac 60
atcgcanntg gttcaataaa gacttttgga aagtgtcaaa aaaa 104

<210> 102
<211> 261
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 102
atgtctgact gcacctggga ggaccctatg tcgcaaatng gcttatttcc cctnecgnaga 60
cctantcaca ngtcacncag tnnngagcgt tcggtacaga tttccgggan ggaacacaca 120
ggtcatttgc gcccgaaact tgcncgtgtg cttgcgccat ttcctgcac ctggcgcgcc 180
tcctccctcc ccacctncct tctccgagcg ncttaagccc aggcctccgg cctccgtctc 240
tgagggtcct tgggggggcg g 261

<210> 103
<211> 330
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(330)
<223> n = A,T,C or G

<400> 103
cgaggagaag tacttgactc tttatannan tctgannnat cttggacggg actatncann 60
aggagcaggc tatttttaaaa ggcgnnnngna gancgcttnc cntancttca aggatgcgga 120
ggaccanana aanatcactn nacttatccc acgaggagan cttgcattga angagctaga 180
ngccttgccc ttnccttanga aatacagagc nctgntgctt acgttactat tcagatncca 240
aagtctgacc aatcattgca ccagtcgagc tgacaaccag tgctggctgt ttgcctgtac 300
caactattaa aaaataattc agttttaaaaa 330

<210> 104
<211> 107
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(107)
<223> n = A,T,C or G

<400> 104
ctgacattat gggattgcag actaagaagg ncctactgac cccctcata catccagctc 60
gcccttttcg agtttcaaac catgaccgaa gtagtgaaaa aaaaaaa 107

<210> 105
<211> 129
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

<400> 105
aactgagatg tctgagagca aacaggtacg aagacagcgg gaccagtgcg tcaactcagta 60
aagcangcaa agaaacttcc tgtaagcgac aaantagaga agggctcctgg gactcttcac 120
tggtgatga 129

<210> 106
<211> 128
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 106
 tgtgttgaca gtgttttact cgaggatttg ngtaacnagaa acatcagngn gatcacactc 60
 acgaaataat ggnacnggag acattgatgg aaantttcat tcctcttatt catgattcag 120
 actgagaa 128

<210> 107
 <211> 120
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(120)
 <223> n = A,T,C or G

<400> 107
 acactgtgca cctttactac tggaccagag attattcgcc cggaattgg ntncctncc 60
 ccttgcttca taactgagtg tngcaacagt gaanattgga gctttgatca gaaaaaaaaa 120

<210> 108
 <211> 255
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 108
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 tttgcattgnc acagtcatct tcaaagnatc gaaagaattc gngctggaga ggaatcctgn 180
 gaatgtaatc aatgtaataa tcacagtact cttcaaaaatc ctgaaaaaaaa tcatactgaa 240
 gagagactat atgaa 255

<210> 109
 <211> 155
 <212> DNA
 <213> Mus musculus

<400> 109
 ttacgacagg aagaagcctg acataagcca gttacatgct catcaccctc gcgagaatgc 60
 tgtgcaggag ctgaagactt gctttcagtc ctcatcctac agtgactgcg gcaccggaag 120
 tcctgggatg ggttgaacaa accaccagcg ttaaa 155

<210> 110
 <211> 404
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 110
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 cacaggggaaa cggaagatca ctaccaagga gacatgagct ccacnagcat catgggaagg 120
 cccggnagcg atanangaga gacaggtnnt nctcttcac ctcnctnctn gcattctctt 180
 cctcctnttc ctctnctatc tcttctnct cctnagncng cntcnatgan gaccagncct 240
 ncntaggtcc cagnnnnac naaaggangc ccncagggg caganttgcg tgggtgcatga 300
 ccatggngaa ctgnaagngc taaaggacga gcttnanctc tgcgnagggtg ctgctgcgga 360

aatggtnctt actggcgagn caggactcct aaggagaggt tacg

404

<210> 111

<211> 108

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(108)

<223> n = A,T,C or G

<400> 111

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atgacgacgg gagcagctcc agctcctcgg gggacagaga gaagcgca

60

108

<210> 112

<211> 485

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(485)

<223> n = A,T,C or G

<400> 112

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cgcttcactc tgcaagagct ganggagng ctgcaggagc gaaacaagct caagtcgcan 120
ctgctgctgg tgcangagga actgnagtgc tacaggagtg gtctacttcc acccanagan 180
actncaggag gaagaagaga gaaggatgct gtgggttgcca tgggcaacgg cgagaaggag 240
gagaggacca ttatgaagaa gctgttctct ttccgggtcag ggaagcatac ctagactgaa 300
aaccatcacc aagatgggtga ccctcttgac ttgagaagac aattgccaat atgccttctg 360
gaaccacctt cctgtgtcag gaatgtgcct tggcttgctc ctgcacagag cagtcagagg 420
aagatgctcc ctcccatggc tcacctgctc tctggggaca gacctggaca gtcagtaagc 480
tttga 485

<210> 113

<211> 378

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(378)

<223> n = A,T,C or G

<400> 113

ttttgctgat cgccttgcaa gttttcatcg agtttgaggt ttcccaccaa atgaaagtac 60
aggaaaagaa gtgacctgct tggcctggag accagacggc aaacttttgg cttttgctct 120
tgccgataacc aagaaaatta ttttgtgtga tgtagaaaag cctgaaagct tacactcctt 180
ctctgtggag gctccggtct cttgtatgca ttggacagaa gtgactgtgg aaagcagtgt 240
tttaacatcg ttttataatg ctgaggatga gtccaatctt ctcttgcta agctgcccta 300
gaccocggacg tantcatcaa agtggagaaa cttgaccctg agttggactc gngacccagc 360
ttgacagcat tgcgttag 378

<210> 114

<211> 136

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

```

<222> (1)...(136)
<223> n = A,T,C or G

<400> 114
tgtagaagag acactggcgg ccagcttgcg cttgggggga aacgattgaa catagtatng      60
gggctccatt tnactaaccc aggctacatt gncganaact aacagcntga agntcctgac      120
ggccttcctg ccagtt                                     136

<210> 115
<211> 331
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

<400> 115
aactgagggtg gaaggacaca tacgctgacg ngctggcaat gcgatccatg gtgcgggttta      60
ncggaaggat ctagagacna gtcagctgac cctgagtagc caatgagaat tctccagttg      120
ctgcttttaa tttagagccgt ggccattaca ggagccgtca ctttgcttgc ctgccacgga      180
atccaggctt gtgcacctgg agatcccttg gggcccgatg acctgaagcc ttccccaggg      240
aaaaactgaa gcctgaacac tgtctacttt tcctccatct ttctttctct tagatggtga      300
aataaagaac tatcagacag caaaaaaaaaa a                                     331

<210> 116
<211> 461
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(461)
<223> n = A,T,C or G

<400> 116
gctgccaccc tctggaggnt cccgagtcct ttgtggntct gngngaaaag actctgtgta      60
cantgtgcta cngancnga gngcggcatg tnctgtacct cnttgatttg ccanaacct      120
gcgcccagga nggtctggtg ctgnaactgn tggactgacc acagtgcctg tcgtccagct      180
tgcccagctg gcatggaata taaggagtgt gtgtctcctt gccccagaac ctgccagagc      240
ctgtctatca atgaagntg tcancagcaa tgtgtagacg gctgtanctc gccctgaggg      300
agantctctt gatgaacacc gatgtgtgca gagcttccga gtgtccttgc cttgcacgct      360
gggaaagcgg naccnctcn ggcacctncc tnttctcngg acttgtaacn ntttgtatcn      420
gcngancagc ctatggatnt ggagcaatgg aagaatgccc a                                     461

<210> 117
<211> 124
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(124)
<223> n = A,T,C or G

<400> 117
tgatcattag gaactttgat cagaatagan ggagcagagg tnctaaactc nattcnccag      60
agggcntgat gaatctntgg ntcagctnca gtnngtactc atctacataa aataaatgat      120
taaa                                             124

<210> 118
<211> 261

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<212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(261)
 <223> n = A,T,C or G

<400> 118
 tttctactgg accactatat tattggggccg gganatctnn ntcccctncn cntngcttcn 60
 tnactgattg cttcatnagt ganagtggag ctttgatcat tgnagctttg atcagnattt 120
 nnacnanaga cntttgnccn atatccnaag gngngggcat actggagaga aaacttatga 180
 atgtaatacaa tgttggttaaag cttttgtaag acccagtcac ctccaaacac ataaaagaac 240
 acattctgga gagaaaccct a 261

<210> 119
 <211> 391
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

<400> 119
 cagggaggat agccgatata tnccttantga cagcttcnnc nncngtntng anactgncac 60
 agctggactc tggngaccac tnacnntatg ggnantgatt gcctttcnnc gncaacagcc 120
 cttccnnttt ntntacagn ttgtggngnc tatggggccag atatacggng atgagctgta 180
 cttcctgaca gagctacacg aaggactcca gcatggggag ataggncacc ccgtttatatt 240
 ctgggttctat tttgntttcc tgaatgctgt atggntgggtg ataccaagca tccttgtgct 300
 tgatgccata aagcatctca ctagtgccca gagcgtgctg gacagcaaag ncatgaaaat 360
 taanagcaag cataactaaa gagccggaga g 391

<210> 120
 <211> 326
 <212> DNA
 <213> Mus musculus

<400> 120
 cttaaagctcc agggaataga aattcctgaa gggacacgat tacaaagcag acagtcagtt 60
 ccttggtgaa atcatggaaa tcaatgaaag actcgcagac gcccaaagtg aggcggccat 120
 ggaagagata gaagccactg tcagagctaa acagaaagaa tttactgaca atataaacag 180
 cgcttttgaa caaggtgact ttgaaaaagc caaggaactc ctgacaaaga tgagatactt 240
 ttcgaacata gaagaaaaga tcaagctaaag caagactcct ctcttggtgc taacttaaag 300
 ttttagaaat aaactttgta tttctt 326

<210> 121
 <211> 452
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(452)
 <223> n = A,T,C or G

<400> 121
 gtggggtctt tcaacttgcc gggaggagca caagaagaag caccggatg cttctgtcaa 60
 cttctcagag ttttccaaga agtgctcaga gaggtggaag accatgtctg cttaaagaaaa 120
 ggggaaattt gaagatatgg caaaggctga caaggctcgt tatgaaagag aaatgaaaac 180
 ctacatcccc cccaaagggg agaccaaaaa gaagttcaag gaccccaatg cacccaagag 240
 gcctccttcg gccttcttct tggtctgttc tgagtaccgc cccaaaatca aaggcgagca 300

tctctggctta	tccattgggtg	atgttgcaaa	gaaactagga	gagatgtgga	acaacactgc	360
agcagatgac	aagcagccct	atgagaagaa	agctgccaag	ctgaaggaga	aagtatgaga	420
aaggatattg	ctgnectacag	agctaattgga	aa			452

<210> 122
 <211> 415
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(415)
 <223> n = A,T,C or G

<400> 122						
cttcttgaga	gatcancctt	ggtgaanagt	tnctagcaca	caggtgacta	cgagaagggt	60
ntgnaccanc	tgtcaaagtc	cnttgctgtg	tgtggacagc	ctcagcagcc	tgntgcaagt	120
gtnacagnnn	actctttcgt	cncagagtg	ngcnnatgct	tgtnaccaag	ctttccgacc	180
atnagtnaga	gaattggnag	ngctcaaagc	tnngntnnag	atgatgtgga	atgagccaga	240
taccaacaag	atanaatctc	agtanaataa	tctnaacnnt	taggcttgga	agctgggtcan	300
ctctggggga	ttaaggggcaa	attatgctgt	catgaactgt	cccacactga	cgtnectgcca	360
aagcgaatat	gaactttggt	nagacccatt	gtctggncta	tttatttttc	cagta	415

<210> 123
 <211> 427
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 123						
tccgtcctag	aactgacaag	ccagattctg	ggagccaacc	ctgattttgc	caccctctgg	60
aactgtcgca	gagaagtgtc	ccagcagcta	gaaaccagga	agtcccctga	ggagttggct	120
gctcttgtga	aggcagaact	aggcttcctt	gagagctgtc	tgctgttgaa	ccctaagtcc	180
tatggcactt	ggcaccaccg	ctgctggctg	ctgagtcgcc	tgcttgagcc	caactgggcc	240
cgggagctgg	agctgtgcgc	tcgcttcctc	gaggccgatg	agcggaactt	tcattgctgg	300
gactatcggc	gattaaccaa	ngggnagnct	tttgtttctc	ctgcananta	aaataatcaa	360
nactgacagc	ctgaccaccc	ngaacttctc	caactattct	tcctggcatt	atcgctcctg	420
cctattg						427

<210> 124
 <211> 260
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(260)
 <223> n = A,T,C or G

<400> 124						
cctggggagcg	ttctgggggc	attggggcaac	ccctttcact	ccttctgagg	aacanatgat	60
tgccgaggct	attcctnntc	tgaaagcnc	catcnanana	ggcagangac	tttgnaaga	120
ncatgaantg	agaggngaga	gcctgganca	ggatcccnng	catcntncta	acttattcaa	180
tcatcntgtc	tttggaacca	ctngagaatc	tatttngcgt	ctgatggagg	gtgtngagnc	240
agnatcatgc	atctcttcca					260

<210> 125
 <211> 414
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(414)

<223> n = A,T,C or G

<400> 125

ctaacgtaca	gaacagcttg	caagttaccg	atttgtacag	aagcgatgca	accttcacatc	60
tggtgatatc	tggaatatga	tcgaagcttt	ccgagacaat	ggccttaaca	cgctggacca	120
cagcacggag	atcaggcggtg	tnccgcctgg	agaccgtcat	ctcgtccatc	tactatcagt	180
tgaacaagcg	ccttcctttct	actcaccaga	tcagcgtgga	gcagtccatc	agtctcctac	240
tcaatttcat	ggtcgcgcgc	tacgacagtg	agggccgagg	cangttgacc	gtgttttcag	300
ntaaagctat	gtagcaacc	atgtgtggtg	gaaaaatgct	ggacaaattg	agatacattt	360
tctcccagat	gtcagattcc	aatggcttaa	tgatgttngg	aaagcttgac	cagt	414

<210> 126

<211> 146

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(146)

<223> n = A,T,C or G

<400> 126

gcttgctgac	aaagaagctg	ccgncctgac	catctancct	ctcagacntn	angctgngga	60
ccatananct	anngacactn	aggntgntgg	agacctcacc	caggaagcct	ttgatcttat	120
aagtaaaggt	atgcgaaaaa	aaaaaa				146

<210> 127

<211> 419

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(419)

<223> n = A,T,C or G

<400> 127

gggcgtgtga	ccccgctgcc	tccccctttct	ccctgctgct	cgtgtccaga	ggatgagccc	60
agccttcagg	accatggacg	tggagccccg	caccaagggc	atcctgctgg	agccatttgt	120
ccaccaggtt	ggggggcact	catgcgttct	ccgatnnaat	gagacaaccc	tgtgcaaacc	180
cctggttccg	agggagcatc	agttctacga	gacctcccca	gctgagatgc	gcagattcac	240
tccccagtac	aaaggggaagt	gtggtnncnt	ganaccnnc	ttcccgcctc	tgtgcgcca	300
nagntgggtg	ccgcctnacn	tntgnccnct	ctntntgagc	acgcattncc	ctgcagcang	360
caagnggtcg	ggcagcanag	actgagcana	tngaattgacc	gtggggcata	taaggccta	419

<210> 128

<211> 193

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(193)

<223> n = A,T,C or G

<400> 128

gacctcacca	cctccaacca	cagnccctcn	cacggagagg	tcttntgaca	gatgtcnatg	60
agaacaaccc	acnactnttc	gccggaagag	gaacatgtgc	nccagacctt	cntaannact	120

tcaatatgat cggagcatnn atangagggc gnctatgatt ctacagagaa ctgaaaggaa 180
aacttttcat cag 193

<210> 129
<211> 474
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(474)
<223> n = A,T,C or G

<400> 129
actgagcttg agatccgaaa agcgggtccg aacacaggat catagagacg acgggacgag 60
agcgtatccc ctggcggcac cacggaggta acgcggaggg cggctagagc gtcactcgcc 120
caggcggcctt cctcttcggc agtcctcctt cccaacatgg cgcagtcgat taacatcacg 180
gagctgaatc tgccacaact ggaaatgctc aagaaccagc tggaccagga agtggagttt 240
ttgtccacgt ccattgctca gctcaagggtg gtccagacca agtacgtgga agccaaggac 300
tgtctgaacg tgctgaacaa gagcaacgag ggaaaagaat tactgggtccc actgacgagt 360
tctatgtacg tncccggtta agctacacga tgtggagcat gtgcttattg atgnggggaa 420
cggntactac gtggagaaga cagctgagga cgccaaggac ttcttcaaaa ggaa 474

<210> 130
<211> 152
<212> DNA
<213> Mus musculus

<400> 130
ctttatcttt ggtggctggc atctgatgaa caagcgagcc aagtttgaac ttcggaagcc 60
gctcgtgctc tggctgctga ctcttgccgt ctccagataa ctgtttggtc acgttgctta 120
gtaaataaaa gtccacacta tgaaaaaaa aa 152

<210> 131
<211> 769
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(769)
<223> n = A,T,C or G

<400> 131
gagcaagagc agctctacct gcggtctggt gtggtgacct ccgcaacctt tgagcagcca 60
gggcggcagg tcaagctgtg ggtgaagatg gtgacccgc taatcaagaa cttcttctga 120
gaacaggaat ggccttgatg aagatgacgg gcatgactgg ggtcagatcc ttcaaccggg 180
cttcagcaat gactccggtc tgggtgtccc agcgagctcc tgtggggaca atggagctga 240
gggtctgggt gccctagggg aggcagaacc cactgttttg atgctgaccg tgaaaaaggg 300
aggcacggta gggagagagg cctggcctcc aacctcccca ctcttttcag agacaggcca 360
gtgactggga gccatgaagc gttcangcca ggtgccang tctgagagtg ccaaactagg 420
aggaatgtga accaaggact tctgangtgac tcttgcatg cccgtaattg gctctgaagc 480
tgnatcttct taaaacttta atcttaagcc nttttcaatg ntcaantggg cannagaaaa 540
acttggancc gcaagnttca anaatnccca agcaaatggg tnccctttcc ttgaaacccc 600
cttccttggg ggnaaagggg cttaacttct tcttggggga cccttttangg gggaaataaa 660
ggttantttt ttttaggaat gccccnttt ttttaaacc cctttttttt gggccccctt 720
aaaccccnnn aaanntgggn ttggtggggc cccctttaa acccttaa 769

<210> 132
<211> 458
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(458)
 <223> n = A,T,C or G

<400> 132
 actgaggtga atgaggactc tggggnnact catggagaag atgcggttgt gatcctggag 60
 aagacaccat ttcaggtaga acacgtggcc gcagctccta acggggagcc ctgagctcaa 120
 gttgcagttc tccaatgata tctacagcac ctataacctg tttcctccaa ggcattctgag 180
 tgatataaaa acaactgtgg tgtaccctgc cacagagaaa cacctgcaaa aatacatgag 240
 tgaggacctc cgctgatcc gagagactgg agatgactac aggaccatca ccttacccta 300
 cctggaatcc cagagcctta gcatccagtg ggtgtataac attcttgaca agaaggctga 360
 agntgaccgg attgttcttg agaaccana cccttctgat ggctttgctc tcntcccaga 420
 ccncangngg aaccagcanc agcttgatga cctgtatt 458

<210> 133
 <211> 114
 <212> DNA
 <213> Mus musculus

<400> 133
 gtactgaggc aagttacatt gcctcaacac agtacacccg acgggtacgt ggcgaaagca 60
 gcggagggtc aaagaaggat actgtgcccc aagaggaggt cccaaaaaaa aaaa 114

<210> 134
 <211> 204
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(204)
 <223> n = A,T,C or G

<400> 134
 gactgagctc cccctcccca gaggtaagca gccctccagc gccaaagcagn ttagcatgtg 60
 tgactctgga caagacaacc ttcccaggtt tctgaccgta nagcagcgaa naagacgacc 120
 atgtctgagg gcaagatctg aggactaggg atggngetca gacctgccac acccaaggtc 180
 tcttcagcac agcagaaagg aaga 204

<210> 135
 <211> 377
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(377)
 <223> n = A,T,C or G

<400> 135
 ttccctggtg gactccagtc aagtgtcgac atttctgata tccattcttc ttatagtcta 60
 tggtagtttc aggtctctta atatggactt tgaaaaccaa gataaggaga angacagcaa 120
 cagttcttct ggctctttca atggcaacag caccaataac agcatccaga ccattgattc 180
 caccgaagca ctgttctctc cgattggagc gnetgtctct ctctcgnca tgncttctt 240
 ctttgattca gttcaagtcg ttttcacaat atgtacagca gganntgnan aacnnnttc 300
 cncnnntggt gatatgcctn agtgantggn atcaccangg ctgctgctca ggctggnaac 360
 aaactaagat ttcccg 377

<210> 136
 <211> 344
 <212> DNA
 <213> Mus musculus


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<220>
<221> misc_feature
<222> (1)...(344)
<223> n = A,T,C or G

<400> 136
tccgaacaaa aagtggggtc tgtgngcccc ggaagnggac ataccgattg actgngggga      60
aaggaaacat ggancctaaa actgangggc gccagacat gaaaacagac ctgttctcca      120
gctcgtgccc aggaggaatc atgctgaaan agacgggcca gggctaccag cgctttctcc      180
tctacaatcg ggtcaccaca cctccaaan aagtgtgtgg aggaattcca gtctctgacc      240
tcttgcttgg acttcaaagc cttcttagtg actcccagga ntcaagaggc ctgcccgtg      300
tccagcaagt gaccagtgc ttccccgggt cctaaaaaaa aaaa                        344

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<210> 137
<211> 121
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 137
aacataagca ctcacannat gaanccctgc caaaaaatgg aaggaaacct agaaaaggag      60
natganccaa agcctnagna nnagccaaca gccngagnaa aagcctctag gaggggcagg      120
a                                                                121

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<210> 138
<211> 320
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(320)
<223> n = A,T,C or G

<400> 138
ccctgacatc ccttggacgc agacccttct agccgattac atcaatgggt tcccgggaga      60
caccttcttc ttgctctaag acccttgaaa ccttggacct ggagacttcc gacagctcta      120
gccctgatgc tgacagtcct ctggaagagc aatggctgaa atcctcccca gccctgaagg      180
aggacagtgt ggatgtggta ctggaagact gcaaagagcc tctgtcccc tcctcgccctn      240
cgacaggcag agagatgac aggnacaaac tcnaagcgaa ccgncngagc attgaanaca      300
tntgtctctg ctgaggaact                                           320

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<210> 139
<211> 418
<212> DNA
<213> Mus musculus

```

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<220>
<221> misc_feature
<222> (1)...(418)
<223> n = A,T,C or G

<400> 139
tgccctgcat cacctgggtg nggcagtgca aagcccggtc agtggccctg gcaggtcagc      60
atcacctaca atggctacca tgtttgtggc gggctcgctcg tgtcaaataa atgggtggtg      120
tctgctgctc actgcttncc cagagaacac agcagggaag cgtatgaggt gaagntggng      180
ncccaccagc tanactccta cagcaatgac actgtggtcc acacagtgnc tnagatcatc      240
acccactcaa gctaccgaga ngagggtcc cagggggaca tcncgctcat ncgcctcanc      300
agtccgtgca ccttntcccg ntacatgang acaccatctg cctncctgaa gncaatgcct      360

```

gctttttcca acggncttc actgtntctgn cacggaatgg gntcatgtgg ctccttga 418

<210> 140
<211> 179
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

<400> 140
agaaggtggc cacttttnnac tatatgcatt tgaagatgtg ctccctccac ngaccaactc 60
agccacctgc cacttgaggg gtccacgggg gcaatgnngg gaggaagcan tggaggggct 120
ccccctaaac gtggggagtcc aggctctgaa caataaatgg cctctcatgc tggcatgaa 179

<210> 141
<211> 357
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 141
gaactgagct ggattaanca gctctccagt atgaacttca tagatggcag catcataatg 60
tgacgtcacg gcttgaacat gactgacagc atcttcagct gctgaggtcc ctcatcagct 120
catggtgact ccagtttgaa ctctcaagct gcctgcatcc agagcctcaa acccactgtc 180
ctggtctcag gagcccatct acaagctcag aatgagggac cacatcctga ctctgcatca 240
ctcctgccaa tgagcattgc ccacctaggg ccagaagtaa cataaaggaa taggcagtga 300
atgaanaata gagagctagt gtgngngtac acacctatga ttccagcact tgggagg 357

<210> 142
<211> 224
<212> DNA
<213> Mus musculus

<400> 142
gactgagaga tgtggtatgg tgtgttcctg tgggcactga tgtcctctgt gttctttcat 60
gtccctgccg gactgctggc cctcttcacc ctcagacacc acaaatatgg taggttcagt 120
tctgtaagca tcctgttgat gggcatcgtg ggaccaatta ctgctggaat cttgacaagt 180
atggttagaca ttaaaatacc ggtcaaaaac gtgaaaaaaa aaaa 224

<210> 143
<211> 414
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(414)
<223> n = A,T,C or G

<400> 143
gactgagccg ccctgcaggc tctgaagcgc aagaagaggt atgagaagca gctggcacaa 60
attgatggca ccctgtcaac catcgagttc cagcgggagg ccctagagaa cgccaacacc 120
aacacggagg tgctcaagaa catgggctat gccgccaagg ccatgaaggc tgcccacgac 180
aacatggaca ttgataaggt ggatgagtta atgcaggaca ttgctgacca gcaagaactt 240
gcagaggaga tttccacagc tatctccaaa cctgtgggct ttggagaaga gttcgacgag 300
gatgagctca tggcagagtn ttgagncttg ancaanaaga gttncgcaag aatttgttgg 360

agatcagtgg gcccgaaaca gtccctctac caaatgtccc ctccgtaccc tacc

414

<210> 144
<211> 248
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G

<400> 144
ggactcccct aggattccga gcacctttcg ctgtggactc cagccccacc cgaggntgga 60
tgtggagctg aggaaactga cccaccgctt gctttcctgg gagccccttt ctctcctaata 120
tcatgagcca cgcaggatgc tggtcgcctt gcgctttcag aacgcctgct catagctgcg 180
tacaaaggcc aancannttn ntgtggnnnn gngnnatcaa caagggtgcc aaggcagccc 240
gttaccaa 248

<210> 145
<211> 492
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(492)
<223> n = A,T,C or G

<400> 145
gacttcagga accatgccga agccacacag tgaagcaggg actgccttca ttcagaccca 60
gcagctccat gcagccatgg ctgacacctt cctggaacac atgtgccgcc tggacattga 120
ctctgcccc atcacggccc gcaacactgg catcatttgt accattgggc ctgcttccc 180
atctgtggag atgctgaagg agatgattaa gtctggaatg aatgtggctc ggctgaattt 240
ctctcatgga acccatgagt accatgcaga gaccatcaag aatgtccgtg aagccacaga 300
aagctttgca tctgatccca ttctctaccg tcctgttgcg gtggctcttg atacaaaggg 360
acctganatc cggactggac tcatcaaggg cagcggcacc gctgaggtgg agctgaanaa 420
gggagccact ctgaanatca ccctggacaa ncgcttacat ggagaaagtg tgacgaagac 480
atccctgggg tt 492

<210> 146
<211> 465
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

<400> 146
actgaggaat ctcatgcact agggnaagga acctgaaaac ccagcagaca tgattgaaga 60
aggagagtgt atcctatctg tgaacatctt atatcctgtt atatttaata agcaciaaaga 120
acacaaacca taccagacca tggtgggtact gggcagtcag aagctcacag aactgagaga 180
ttcaatttgc tgtgtcagtg acctccagat cgggtggagaa ttcagcaacg cgccagacca 240
agcccctgag cacatcagca aagacctcta caagtcggct tttttctatt ttgaaggaaac 300
atttacaat gacagaagat acccagaatg cagagacttg agcagaacta ttatagagtg 360
gtcagagtcc catgatcgag gatatggaaa atttcagact gctagaatgg aagatttcac 420
atttaatgac ttgcatatta aacttggtct tccttactta tactg 465

<210> 147
<211> 111
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(111)

<223> n = A,T,C or G

<400> 147

gactgaggaa	aatcttctgg	ntgtnatttt	atataaccaa	acatgtcatg	gnccttcaca	60
gcatacnaat	agttttgacg	ttttaaatan	aagtatccag	cacagacaaa	a	111

<210> 148

<211> 425

<212> DNA

<213> Mus musculus

<400> 148

ggggtctttc	aagagcagcc	ggtatcagtt	ccgcaatctg	gcagaatgcc	tacagaaaat	60
tcgagacatg	attgccgagg	ccagccaggt	acccaaagag	ccatccaagg	aagatgctcg	120
gcttcagaga	ctcaggattg	aaaagatgaa	tcgggaaagg	ctacgacaga	aaagactaaa	180
ctctgcccta	aagaccagca	ggaggatgac	tatggactga	agtcggccct	ccctgctggc	240
atagacctga	gtgccagtgc	agctcagcag	agcactgaca	cacacaggag	acttttctcg	300
attaaccgcc	ctgcccagagc	agcgttcctt	tggaggggagg	ctgcagatca	tccagggctg	360
ccccttccgt	tatccacctc	atgaatcact	ggctgcaata	aacatcgaag	cacaggaaaa	420
aaaaa						425

<210> 149

<211> 243

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(243)

<223> n = A,T,C or G

<400> 149

gatgaccgag	aagcgcttga	aaaggagaaa	gcaatacatt	gaacgcntga	gaaacctgac	60
tgaggaagaa	aggcgggcag	aacttcgggc	aaatggcaaa	gtcattacca	acaaagctgt	120
taaaggcaaa	tacaagtttc	tacagaagta	ttatcaccga	ggtgccttct	tcatggatga	180
ggatgaagaa	gtctacanga	gagactttag	tgcacctact	cttgaggaat	ttgacaggat	240
ggc						243

<210> 150

<211> 128

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(128)

<223> n = A,T,C or G

<400> 150

cctgagcggg	gcactctggng	gccgctgtct	atgetctntt	ttccnctgga	nagaatattt	60
aaggaangct	ccttcattaa	gtattaagna	tatggaaata	aagaattact	cagtcttaaa	120
aaaaaaaa						128

<210> 151

<211> 528

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(528)
 <223> n = A,T,C or G

<400> 151
 cactgaggag tctagagcag gaggatcttg agttnaagng naaggntggg atangtagtg 60
 tgtggagaaac agctggnggc aacgagatgg ctgcttctgt cccatggggc tgctgtgctg 120
 ngcttgccgc tgccgcccgc gntgtataca cgcagaaaca cagtccacag gaggcacccc 180
 acgtgcagta tgagcgtctg ggcgcatg tgacgctgcc gtgtgggaca gcgagctggg 240
 acgcagctgt gacatggagg gtaaacggga cagatctggc ccctgacctg ctcaacggct 300
 ctacagctgat actgcgaanc ttaaaactgg gccacagtgg cctatacgcc tgttttcacc 360
 gngnanttct tnggacttgg ggccncaan gcctttttta atntgggggt tgccgcccgc 420
 gggagcctgg tgcttcagct tgccgcttca acaacttacc ccaagggtt ctactgcagc 480
 ttggaacctg cccaaccccc acctacatnc ccaatacctt caaatgtg 528

<210> 152
 <211> 343
 <212> DNA
 <213> Mus musculus

<400> 152
 tgagagatta ctggcttcga gtcccaagcc tctggcatta gcttcctgag agctggactt 60
 acagagtgtt ttcccttatgg taaaagggtc tatcccacag cccacattgt caggaatggc 120
 tccctctaaa gtgaaagtgg ataaactcaa gagaaaggat tggatcatat acggtttttt 180
 ttctcctttg agattataat gaacatgggc acaccacaag taaagtccga agtaggacag 240
 aaaacgctct gaaggcttgt ttgatcacc gttatcgtta aaaatagctg acccctaaca 300
 atatgtatccc aaatataaaa tgtaataaaa aaataccaac aca 343

<210> 153
 <211> 481
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(481)
 <223> n = A,T,C or G

<400> 153
 attcatgggc attgcagtct aagaagggtc tactgacccc cctcatacat ccagctcgcc 60
 cttttcgagt ttcaaaccat gaccgaagta gccggcggtg ggtgatggcc agcagcctgc 120
 aggaacttat cagcaagact ctggatgtct tagtcatcac aactggcctg gttacgctgg 180
 tgctggagga ggacgggacc gtggnggaca cagaggagt ctttcagacc ttaagggaca 240
 acacgcattt catgatcttg gaaaagggac agaaatggac accgggtagt aagtatgtcc 300
 cagnctgcaa gcaaccaaag aaatcgggaa tagccagagt caccttcgac ctatacaggc 360
 tgaaccccaa ggacttcctc ggctgtctca atgtcaaagc cacgatgtac gagatgtact 420
 cgggtgtccta cgacatccga tgcacaagct taaggccgng ttaaggaatc tgcaactaaa 480
 g 481

<210> 154
 <211> 101
 <212> DNA
 <213> Mus musculus

<400> 154
 actgagggaa gtagcttcta acaatgaact atggcaacaa ttctgcttca aaacttacta 60
 atacaattgg atgaacagtt ggggcgtgtt tccaaagaaa a 101

<210> 155
 <211> 438
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(438)
 <223> n = A,T,C or G

<400> 155
 actgcgaaat tatcactttc tggccatggt ggatttgaca gtctgcccga ccagctggtc 60
 aacaaatcca cttctcaagg attctgtttc aacatcctgt gcgtgggtga gacagggtatt 120
 ggcaaatcca cattgatgga cactttattc aacaccaaatt ttgaaagtga cccagctact 180
 cacaacgagc caggcggtccg gttaaaaagcc agaagctatg aactccagga aagcaacgta 240
 cggtctgaagc taacaatcgt tgacacagtg ggatttgag accagattaa taaagatgac 300
 agctataagc ctataatgna atanatngac ncccantnng atgcctantg caagaagaat 360
 tgaaaattaa acgttctctc ttcaactatc atgacacaag gattcncgcc tgcctttact 420
 ttatcgcccc cacgggac 438

<210> 156
 <211> 451
 <212> DNA
 <213> Mus musculus

<400> 156
 actgagtatg acagtcattg ccctctccgg ggccctcaagg acgactttca cagtgcacaca 60
 gtactctcca tcttaaatga gcagcgcatt cggggcatct tatgtgatgt caccatcatc 120
 gtggaagaca ccaagtttaa agcccacagc aatgtcctgg ccgcctcaag tctttatttc 180
 aaaaacatct tttggagcca tacgatctgc atttccagtc acgtcttgga gctggatgat 240
 ctgaaagccg aagtgtttac agaaatactt aattatatct acagctctac cgttggtggtc 300
 aaaagacagg aaaccgtcac tgatcttgca gctgcaggga aaaagctggg aatatcattc 360
 ttagaagacc ttagtgaccg caacttctca aattccccag gtccttacgt agtctgcatt 420
 actgaaaagg gagtggttaa agaagaaaa a 451

<210> 157
 <211> 475
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(475)
 <223> n = A,T,C or G

<400> 157
 aactgaggct tttgtggcta caggaaccaa tctgtctctc cagttttttc cggccagctg 60
 gcagggagaa cagcgacaaa cacctagccg ggaatatgtc gacttagaga gagaagcagg 120
 caaggtatac ttgaaggctc ccatgattct gaatggagtg tgtgttatat ggaagggctt 180
 ggattgatct ccacagattg gatggtatgg gttgcctgga gtttgatgag gacgagccc 240
 agaatctgat gtcattgatg atagccaanc tggggaaatc atggtgaact tcacaggctg 300
 gttgaacaan ngtnaagtga tcagccctag atttaaatgt caactcaaag acccagaaaa 360
 tagcggancca atntgctctc acctgncact ggcttccagn gnactgacnn cttcagctgg 420
 agncatggac catgaagaac atgaggaana cacacncgaa gggaaaattc ttgtt 475

<210> 158
 <211> 438
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(438)
 <223> n = A,T,C or G

<400> 158
 agactgagga ggaatctttg agtatgcgga tgggtcccaac gccaggtca tgaacgctga 60
 agagcacgcc tttcgatttt ctgccaaat catcaacaga aacaggactc tgctgcccac 120

cacgaccctg	acttacgaca	ttcagaggat	tcacttccat	gacagttttg	aggccaccaa	180
gaagggtaag	aacactgaaa	acatgcgtgc	aacacatcat	attaaccgta	gtcaccttgc	240
tacgggtctt	attgcacatt	tcgttggcat	cctactcgag	tagcaatagg	tagcatacat	300
ataaagcaga	gactgtatta	gccccagagc	acaccatctg	cctgccgtaa	aaagacttta	360
taagcacagc	gtgctgctca	gtgcccgcga	catcttgacc	ccagaaccta	cagaaaaanc	420
cttgaagttg	acaccggg					438

<210> 159
 <211> 437
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(437)
 <223> n = A,T,C or G

<400> 159						
tgaggatacc	agcatgccag	ttcaacacca	aacactaaat	acagatcagt	agtgggtggcc	60
cgatccagga	tccagcagaa	acagcanggc	tctgnngaat	tggtatgagt	cggctggaat	120
cagtcagagc	cagcagaant	accacaagaa	gttcttggta	catttctagt	cttcgaagtg	180
aagaccgacg	aagaagatga	gcaaagaccg	gcaaatcggt	gcatgaccta	gcaatgcaag	240
agtgtcctct	cactgtctgt	gggtctattc	atactctttc	taagcaccat	gcgacctctc	300
aagggtctgt	ttccagcaaa	acatcacatg	ccctctcacy	agacagcttn	caggaaaaca	360
tcatgtggca	caactgantt	gttaaagaaa	ccagaaaattt	ncacttcaca	tntccctttc	420
tgcttcaaaa	aaacca					437

<210> 160
 <211> 224
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(224)
 <223> n = A,T,C or G

<400> 160						
accagtgaca	attactacta	caccacacagc	atttggcaca	tcctactggc	tggtagtgca	60
gcatttcttc	tgccaccacg	agaggaaaaa	gctgggtcct	gggcctgttt	gcagaagttc	120
ccttgtcact	accagatctg	caggaatgat	cgggatgagt	tgtacacagt	gacctgataa	180
ggctggntca	tggacacctg	aaactcta	gacctcttca	gcta		224

<210> 161
 <211> 176
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(176)
 <223> n = A,T,C or G

<400> 161						
actgaggaaa	atatatgcaa	tgatctacag	caaatttagt	ggctgtaagt	cagcaaggna	60
ggnaatnntg	aatattataa	acatagnata	acttaataac	ngnnctttnt	catgtaagat	120
cttatgtatc	ctagtcta	cttaaaactat	gtagctactg	gacccttgag	ccttaa	176

<210> 162
 <211> 357
 <212> DNA
 <213> Mus musculus

CC400T = 65600000

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 162
 gggctctttc tacatagctc tggctgtcct caangtgngt agaccaggct gcttcactga 60
 gngctaggna ttaaagggaag gcaccaccac cccggnctctg ggccaatgan ancggcacna 120
 aaagaccogn tgntgctcgt ctaccatta ctgattcatc tccactccag aagncatanag 180
 anacagaaga cnatcngtnt cactncaatg gncanataac tgagtactga ctggctcagg 240
 ngatcctaaa gncaactcac caatgtagca naagcccnag tgtnaccgac tgaaggagaa 300
 aacacaganc tacncattgc attnacctcc cctattattc attacatgcc accccac 357

<210> 163
 <211> 529
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(529)
 <223> n = A,T,C or G

<400> 163
 gactgaggaa taatgtctca gccaatcagg atgaagaact gggtcattgag acattcctga 60
 tgcaaatcga ccaggagaca aagaagtgtta ctttctattc cagcactggg ggctactgga 120
 ccttggtcac ccatgggggc attcaggcca cagccacaca agtctctgcc aacaccatgt 180
 ttgaaataga atggcatggc cggcggtggg cacttaaagc cagcaacggg cgttttgtgt 240
 gcatgaagaa aaacgggcag ctggccgcca tcagcgactt tgtgggcgag gacgagctat 300
 ttaccctcaa gctcatcaat cgacccctcc tgggtgctgcg tggcctggat ggctttgtgt 360
 gccaccgccg gggctccaac cagctggaca ccaaccgttc cacttacgac gtcttccact 420
 tgagcttcag ggatggcgcc tatcagatta gagggccngg aggtgggttc tggtagacag 480
 gcagccatgg aagcgtgtgc agcgacgggtg acttggcgga agatttcct 529

<210> 164
 <211> 552
 <212> DNA
 <213> Mus musculus

<400> 164
 atgagcggga ccgagtgcga aagaaaacat tcaccaagtg ggtcaacaaa cacttgatga 60
 aggtccgcaa gcacatcaat gatctctatg aagaccttcg ggatggacac aacctgatct 120
 ccctgttaga ggtcctctca ggcatacaaac tgcccagaga gaagggcagg atgcgtttcc 180
 acaggctgca gaatgtgcag atcgccctgg acttcctaaa gcagcggcag gtgaagctag 240
 tgaatatccg caatgatgac atcacagatg gcaatcccaa gctaacgctg ggcctgatct 300
 ggaccattat cttgcacttc cagatctctg acatctacat tagtggggaa tcagggggac 360
 ccaccaggat aaaccaagtg agtgtttatc cactcacagc ctttcgtgac cctacatttc 420
 catgcacagg tcagaagctg caccaatgag aagtcttcag gcgatgtaga aatgactgtg 480
 gattctaata cacaccgaaa ttctgactga gaatttaaata tgcagaataa agttttaaaa 540
 cctaaaaaaaa at 552

<210> 165
 <211> 114
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(114)
 <223> n = A,T,C or G

<400> 165
 catggcatcc aaggatgaat nggcgggaa tggactttcc cccctttttt ccccccctctt 60

[illegible]

<400> 169
ggaaagaaga aatatgaata cggctccatc aagacccagc cccacacgaa gctcgcgtgt 60
cattgggagc cttcagagca ggaggagggc cccagggtcg agctgggtgtg tacctgccat 120
gttgctctgc agcaggcagc agagatttga ctcttcgttg caaattgctg ccgggtccaga 180
tgctaagcca ggtttgcggg aagagctgct tgagagctgc tgctgtgcct gtgctgcana 240
ccccgcgtgc tcgcatgttt gggttacttg tttgaaggga aataaaaagg gcaaaacact 300
ccaaaaaaa aaa 313

<210> 170
<211> 130
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 170
gtgtccacca cccacagccc agcgggcctgc agcgatcntg acctnatctg cccactgan 60
ccacngaata angnancnn ccctactctc ttgaatacca tcaataaagt tcgctgcacc 120
caaagaaaaa 130

<210> 171
<211> 215
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(215)
<223> n = A,T,C or G

<400> 171
gcctccaggt atgaaatcca aacagatgtg catagacngg atccctgcga ctgtcagagg 60
cagaagttca catggataac cctgtctcag gaggaaaagg agacgtcaag gacagangga 120
gtggaaagcg aagcttcact tcctttctag agaattctgt ncaancacca atatatatgt 180
aaatgtgtca ntatngaac tttcctgaca aatta 215

<210> 172
<211> 121
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 172
tgccgttctt ttgttcttct ccgtgaaaaa ctgtgtccgn agtgacaaag agacagtgtc 60
cgtttgttca tntgtgacat cagagnagcg tactgtagca catcncgaga gacagatgag 120
a 121

<210> 173
<211> 207
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(207)
<223> n = A,T,C or G

<400> 173
ggaactctca aaggtcngac acgcgaagna tggcatgctt ncatataaan gncatctnna 60
nnnaagttca ccctntcggg nnntgcaggg tgactcaggg ggcctggctg ctgcttgtct 120
ggctttgttg aagagggatt ggggaagcag ggttgtggnt cctattttct cccaccntn 180
caagccncg gcaaggctct tgcgaa 207

<210> 174
<211> 391
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 174
gactgagtcc agcccaaaga gtaaacnaga naagcttggg gaagcccctc gccctgggng 60
ggtgctcttt gactttgnct nnganccgat gaccaccan aaccactgc tggagacaaa 120
cagccgctcc ccggggctga aggggtactgt tggagggtcat cgaacaagca agattatgag 180
gtttgttgat aagatcacca aatcaaaaata ttccaaaaaa gcaacagaga cagaattcat 240
taaaaagaag atcgaagaag tctctaatac accagctgcc tgaggaaaag ctttggagga 300
gtcaaaaggc aaagggaagc cttctagttg tacagctttg ctctgaatgt gctcatttgn 360
ttgtccgtga gatgccagga cttggaaggt g 391

<210> 175
<211> 260
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 175
ctcctgccaa tgtggctnac tgcattgcatt angngctttg gatgacctga nctctggncn 60
acctgnancc acatggtagt naggtgctg acttgagag atggtgacaa gattgagtct 120
gtctggatga tagcatcctg tgccacctac tgatgactgg ttggtgtggg aagccacatg 180
tgccgttgca gagtggtact gactactgct ggccaccacg cataagattg gacaaacaac 240
caatgtgtac atatgcagta 260

<210> 176
<211> 246
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(246)
<223> n = A,T,C or G

<400> 176
gtggggagcg tggattcttc tacacaccca tgtcccgccg cgaagtggag gaccacaaag 60
ttctgaagat gaactggatg tgctttttaca tggaacccca gacaaaaagc gaaaactcat 120
ccgggaatgt cttactggag aaagtgaagc atcaagtga gatgaatttg aaaaagaaat 180
gnggctgaa ctaaactcca ccatgaagac aatggaggac cagttatcct cactgggaac 240
aggca 246

<210> 177
<211> 535
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(535)
 <223> n = A,T,C or G

<400> 177
 cacctccaga aattgagggga gaantanngc gagacttcat ggntgcgctg gaggcagagc 60
 cctatgatga catcgtggga gaaactgtgg agaaaactga gtttattcct ctccctggatg 120
 gagatgacga aaaccgggaa ctcagagncc aaaaagaaac cctgcttaga cactatncag 180
 gnngaangtt ccnatcttct agaccaacgc tcctanccat gggatgatcan ggaatggagg 240
 ggaataacac tgcnggggtct ccaactgact tccttgaana gagantggac tatccggatt 300
 atcagancag ncagaactgg ccagaagatg caagcttttg tttccagcct cagcaagtgt 360
 tagatactga ccaggctgag ccctttaacg agcacccgtga tgatgggttg gcagatctgc 420
 tctttgnctc cagtggaccc acgaaccgct tctgcatttt acagangcga gacaattctt 480
 cngaaagacn gntncngnnn aattctacat aagaaaatct gcttttgggg gctgg 535

<210> 178
 <211> 597
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(597)
 <223> n = A,T,C or G

<400> 178
 gacatcaatg cttacaatgg tgaaacaccc acggaaaagt tgccatttcc catcattgat 60
 gataagggca gggaccttgc catccttttg ggcatgttgg atccagtcga gaaggacgat 120
 aacaacatgc ctgtgacggc ccgtgtgggtg ttcatttttg gccctgacaa gaaactgaag 180
 ctgtctatcc tctaccctgc caccacgggc aggaactttg atgagattct cagagtgggt 240
 gactctctcc agctgacagg cacaagccg gttgccaccc cagttgactg gaagaaggga 300
 gagagcgtga tggtagttcc caccctctcc gaagaggaag ccaaacaatg tttccctaaa 360
 ggagtcttca ccaaagagct cccgtctggc aaaaaatacc tccgttatac accccagcct 420
 taagtctttg cggaaattgg ggctgcatct gcacatccag tactggggcc tgaggatgtc 480
 agctggcagc ccgtgggtcc ttgcancang tccgtagaaa gatcgtggca tgatcacaag 540
 ccggcctgta gatcgtctgc tatactactg ggcattaaat ggaaatggcc ccaaaaa 597

<210> 179
 <211> 203
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(203)
 <223> n = A,T,C or G

<400> 179
 ccggccaccg gcggctgtag aagaagcctc accgcctacc gtaccggcac cngngnttgct 60
 gngcgagatn cgcccgctac cagaagtcga ccgagctgct gatccgcaag ctgccgttcc 120
 ancgctgtgt gcgcgagatc gcgcaggact tnangaccga cctgcggctt ccagagctcg 180
 gngtgtnatg gctctgcagg aag 203

<210> 180
 <211> 125
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(125)
 <223> n = A,T,C or G

<400> 180
aaggagagac aagggccttn ctgaggcagn acaaggaccc annanctacc cagtaatgca 60
nnagggcggn ccnnacgac tgancctctga tcctaacctg caaagtgaag tttcaatttc 120
cactt 125

<210> 181
<211> 137
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G

<400> 181
cagtggctctt agttttgagg agcatctata caaaatgcat atacaantgg ttttagcata 60
aacatnaggag aaaagcgtct acactganac ataagagaag ttgttactga acatgtnata 120
aataaggtgc aagaaga 137

<210> 182
<211> 360
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 182
gtgtatgatg aaaaagatac agggagggtt cgttttgtag atcgtcagaa agagggtgaat 60
gagaatttgc cattgatttg atagcacaac agcctgtgaa tgagggtggag caccgcatca 120
taacctgcga tggaggcggt ggtgccctgg gccaccccaa ggtgtncnta aacttggaca 180
aagaaacgaa aacggggaca tgtggctact gcggnctgca tttcaancag nagcatcact 240
agtgtgggnt gtgtcctggt cctctgactc ctatggaaca tctccacgct ggggtgttctg 300
tgtgaggcca ctgctctgtg aatggtgtcc cttgttttga ataaaggatg ctcccacat 360

<210> 183
<211> 348
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

<400> 183
tccccacett gcatcatgga anaaaatggg tggacccgaa aaatccacca tgggctactn 60
agggtncagc cactgcggtt tcacaaccag atgcactagg ggttcancag cnatcacttn 120
tgaggagcatc tcctaccatt tatacccagc agactgcatt ggcggnggca ggccttacc 180
acaaacgcca ncnnactntc aggnaacaca aactgcggna ctgcagcaac aagctgcagc 240
tgtnttacag cancaatatt cacaacctca gcaggccttg tatagtgtgc agcagcagtt 300
gcaacaacct cagcagacca ttttaacaca gaatacgagg ctagggaa 348

<210> 184
<211> 310
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(310)
<223> n = A,T,C or G

<400> 184
taagttccct ccagggcntc tgcactagna ctgcagtgtg ctccacatac atcactgtag 60
gcctgacctc ctaacttgag ataaccggaa ccaagttcct gggatgcagt tgcatttcca 120
acgtgatcca ctggggcatc aagagcanag gatgactgga gagtgagggt cgctgtattc 180
ccagctcctg gctgagggcc tctccagccc caagagttgt cctggaagta gattngctgt 240
ctccatggac atgtgancaa tgggaaaaag aagcatacat tcagnantac tgacaggaag 300
aggacaagca 310

<210> 185
<211> 271
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(271)
<223> n = A,T,C or G

<400> 185
actgagggag atctctggcn acctggnagt cacatttcat ggttgtgctc atcccttccg 60
ggtccaggta cagagacgat gctgccacag tncgcgagca caagtaattn aaagggccag 120
ggagtcggca acaagaactg gnaggagtna tcatcttaag ttagaagaag cagatcaaac 180
aagtcttatg ataaaaactt tattgtctta aatatcaaag gttttacaca tcacgttttc 240
ttcagaaagt tcctattaaa gaagaaaaat a 271

<210> 186
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 186
acaggccata attactnttt ggggaactct caatagggcg nacaggaatc atggctggtt 60
ccatacaaga agcccgtgcc caancatgtg atgaagggaa agcgggggggt ggtgtggccc 120
ttaccantgg caccatccga gnggccatgg nggaaaanaa tggagagcgt gtcctcatgg 180
aggggaagct cactcacaan atcaacaccg anagctccct ctggaccttg accccggcag 240
gtgtgttttg gtgaatctga ncaagggttg cgagtactgg tggagtgcc atcctggagg 300
gggaaaagcc catcgacntc gacaanatca acaagggagc cctccatggc tactgnggat 360
gaagaggaac angcattcct ggacaaaaac 389

<210> 187
<211> 317
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 187
aaagagagca cctgtgagga ctgngttnaag agcnaaccba agggggattc tgaccatttc 60
ttcccgcctc cagccatgga ggagggggca nccattcttg tcaccacaaa aacgggtgac 120
tacggcaagt caagtgtgcc aactgctttg caaagtgtca tggggatgga gaagccaact 180
cacactagat aatgagcttc ctaactggtg tgaagctgct ttgagaacct tctgtcagga 240
gagctggtgt tttagatgtc gttaggatga ccggtttacca accaagaata cagttttttg 300

tccttttaaaa aaaaaaa.

317

<210> 188
<211> 213
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(213)
<223> n = A,T,C or G

<400> 188
actgaggctc aaaggaatga ctcaattcca agtctttcca caaacctctc agcaaact 60
ccaacttant gaggcgcagc actggctcac atntagcatt ccancattct ggagatggag 120
agaagagagt ccaaagggtt gacccagnc tcggcctcag gcccagtag aaaggacagc 180
cttaccanac caataaagct cacacgatga aaa 213

<210> 189
<211> 621
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(621)
<223> n = A,T,C or G

<400> 189
tacttattgt ggaactatna caggacagac atnattgaan nagttattac cntgtagagn 60
gtcnncnctgn tntncgctgc gaccttgatc ttntttcact tgtacaagaa caaaggcagc 120
tacgtnacct atgancctgc agaaggggag cccancgccca tcctncanat ggagactgac 180
tcagccaagg gcagagagaa ggaagagtac ttcattctaatt gcttcccagg ctggaggggc 240
caattcttgg ctccaacact aagccgctgc ctctgtagtt agggaaacgtt tgctctaaag 300
ccagggagtgc gcgttgggtg atacaggcac atccactcac ctcccaggac acagccccc 360
ataccggcat cactgactcc aggggtccaga gacatggaga aagctgttca tgatgctggg 420
ccttgataag gacagtgtc gaaaccgacc accaaagagg ggccatgcct gagttggaag 480
tgaggtcaca tgctggtcca ctttgncccc tccctattna cgaccaatag cccagtcag 540
ngctatncag ncttttctgg aggcaggaca ccncaggag ggggtcggac ccagggnagg 600
gganagggag tctgaaaaag g 621

<210> 190
<211> 431
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(431)
<223> n = A,T,C or G

<400> 190
ctgagcatcc agcgagcagc cttggtggtt ctggaaaatt actacaaagg acttcacat 60
ctataaccgc aacctcctaa cagcatccaa attccgagca gccaagcaca tggttgacct 120
gaaagtctac aatgtagatg ggcctantan taacgccact ggtcagtcct gagccatgat 180
tgctgcagca gctcggcgca gagactccag ccacaacgag ntgnattatg aagaggccga 240
acacgaacgc aggggtgaaga agcgganagc aagactggta gtggctgngg aggaagcctt 300
catccatctc cancgtctcc aggctgagga gcaacanaag tctcctggag aggtgatgga 360
ccccagagag gcagcccagg ccattctccc ttcattggcn ggggcacttg agaantacct 420
tggggcaccc a 431

<210> 191
<211> 279

<212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(279)
 <223> n = A,T,C or G

<400> 191
 gactgagggtg gttattggtg gcagaataaa tacttaatca atggagtga tgccaacaac 60
 accanaagtc caagatctct ttgtttctgt gggcctgaat gttaacaacc ctcaactttct 120
 catcatgcag ggcagaatta ccgaaagtat taaatatgaa accaccagag atattatcca 180
 tgattgaaga agctgctgga accaggatgt atgagtacaa aaaaatagcc gcccgaaaa 240
 ctatagaaaa aaaggaggct aagctgaaag aaataaaaa 279

<210> 192
 <211> 774
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(774)
 <223> n = A,T,C or G

<400> 192
 actgaatgac tgcctggagg agtcacagtc ggatatcagc ctcgagctcc ctctgagcca 60
 ggagacattt tcaggcttat ggaaactact tcctccagaa gatatacctgc catcacctca 120
 ctgcatggac gatctgttgc tgccccagga tgttgaggag ttttttgaag gcccaagtga 180
 agccctccga gtgtcaggag ctctgcagc acaggaccct gtcaccgaga cccctgggccc 240
 agtggccccct gcccagcca ctccatggcc cctgtcatct tttgtccctt ctcaaaaaac 300
 ttaccagggc aactatggct tccacctggg ctctctgcag tctgggacag ccaagtctgt 360
 tatgtgcacg tactctcctc cctcaataa gctattctgc cagctggcga agacgtgcc 420
 tgtgcagttg tgggtcagcg ccacacctcc agctgggagc cgtgtccgcg ccatggccat 480
 ctacaagaag tcacagcaca tgacggaggt cgtgagacgc tgccccacca tgagcgctgc 540
 tccgatgggtg atggcctggc ttcttcccag catcttatnc gggtggaang aaatttgatt 600
 cccagtatct ggaaagacag gcagactttt cgncacaccg tgggtggacct tatgagccac 660
 ccgangccgg ttntgagtat ccaccattca ctacaagtnc atgtgnataa ctctgcatg 720
 gggggcatga accgcccact atcttacatc ntaccctgga aaattcaggg gaac 774

<210> 193
 <211> 279
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(279)
 <223> n = A,T,C or G

<400> 193
 agctgttcca ccatactcct cttnccccaa tccttaccag acggctgtgt acccagtga 60
 aagtgcctac ccccagcaga gtccatacgc ccagcaaggc acgtactaca cacaacctct 120
 gtatgcagca cctcctcagc tcattcacca caccacggng gtgcagccca atggcatgcc 180
 agcaacagtc taccctgctc ccattcccct nntnctagag ncngcggggg caccatgggn 240
 gatggctgct gggaccacga tggccatgct agcagggtac 279

<210> 194
 <211> 485
 <212> DNA
 <213> Mus musculus

<220>

[illegible]

```
<210> 195
<211> 464
<212> DNA
<213> Mus musculus
```

<400> 195						
tgggcctaca	aatcatatgg	ctcncactcc	tgaccnanng	cncagccccc	antcccaccc	60
tgagatttgt	ggctgtgggc	gactggggag	gggtcccaa	tgccccattc	cacacagccc	120
gggaaatggc	caatgccaaa	gagatcgcca	gaaccgtgca	gacgatgggc	gctgacttca	180
tcatgtctct	gggggacaat	ttctacttca	ctggagtgca	cgatgccagc	gacaagaggt	240
tccaggagac	ctttgaggac	gtgttctctg	accgtgccct	tcgcaacatc	ccctggatatg	300
tgttggcttg	aaaccatgat	caccttggca	acgtctctgc	acagatttga	tactctaaga	360
tctccaagcg	ctggaacttc	cccagccctt	actaccgttt	gcgcttnaaa	attccacgta	420
caaacataac	tqtqcccatn	tttatgctgq	acacagtqat	gctq		464

```
<210> 196
<211> 395
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(395)
<223> n = A,T,C or G
```

<400>	196					
cctgacaatg	agaaaagctc	tagaagcagn	ccaaagcata	tacaactcat	tntctngctn	60
nagtgggtna	tgaagataga	tgnanttnc	tcgcacantn	ngcncnaact	ngtggtatnt	120
ncangcntcn	naantgngga	ggagggcgtc	ntncatcaat	cacatctcac	aggtaccagc	180
ttgcaaagac	ttctgggttc	atttttagtc	aaatagcagc	atgtgtctta	agcatagtca	240
tgcattgctt	agtgcaggag	atacatatct	gctaagaaat	gtcactagga	gatgttactg	300
tgggtgtagag	agcaccgtaca	tagnctgcat	ggtatataag	tntaccctact	atttcctatg	360
qatatttqta	aqaaqqqaa	atgcaaggtg	catga			395

```
<210> 197
<211> 470
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(470)
<223> n = A,T,C or G
```

<400> 197
 acatccattc ccggtctacct gaacccttcc agtaggacgg aaatcctgca tttcatagac 60
 aaggcaaagc ggtcccaacca gcttctctggg cacctgactc aggagcacga tgctgtgctc 120
 agtctgtctg cctacaatgt caagttggcc tggagggacg gggaggacat tatcctcagg 180
 gtgcccattc acngatatcg ctgctgtctc ctatgtcccg agatgatgct gcacacctgg 240
 tggctctgaa gacagcccag gacccaggca tctctcccag ccagagtctg tgtgcagaaa 300
 gttctagagg cctcagcgca ggttccttgt cagaaagtgc agtggggccc agtagaggca 360
 tgttgcctgg tcatcatggc cncagagagc aaggtcgccc cttgaagagc tgtgctccct 420
 gctcagccng gtcttccaga tttgtttaca cggagtccac catcgacttt 470

<210> 198
 <211> 489
 <212> DNA
 <213> Mus musculus

<400> 198
 tgaggctctg cccaccaagc catgtcttct aggcagcacc tgggctctgc tccgcctccc 60
 tctaccactg atcaggatat gctctgggaa gtgggggctc aggcttcagg agaagccagc 120
 actgtctctc ccaggaatgg ctgccagcac agtacagggtg gcaggcagga aggactaccc 180
 tgctctgctc cccctgaatg agagtgaact cgaagaacag ttcgtgaaag gacatggccc 240
 agggggggcag gccaccaaca agaccagcaa ttgtgtagtg ctcaaacacg tgccctccgg 300
 cattgtgggc aagtgccacc aaacaagatc tgtggatcaa aacaggaaga tagctcgga 360
 agtcctccag gagaaagtgg atgttttcta caatggtgaa aacagccccg ttcacaaaga 420
 gaagctcgag gctgagagga gaaagcgaga gaggaagaaa agagcaaagg agactctaga 480
 aaaaaaaaaa 489

<210> 199
 <211> 496
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(496)
 <223> n = A,T,C or G

<400> 199
 gactgaggac agtgtctacg tatatgtacc aaggntccaa ggangtagat gnccttgtgg 60
 ctggaggcct caatgcctga tgtttctcct gattctgcaa cggagtgtgt gaagacagaa 120
 cctcaagatg caggagacca gggaggcaac acttgcatcc tcaggaggga agccaggatg 180
 cccagtgcaa ctgggggttg tttagggata ggggttgagt cagcagagcc tacagccctg 240
 ctccccaggg cagagaccct cccagagccg acagagcttc gtccacaaaa gcggaaaaag 300
 ggcccagccc ccaaaatgct ggggaacgag ctgtgcagtg tctgtgggga caaagcctct 360
 ggcttccatt acaacgtgct gagctgagag ggctgcaagg gattcttccg ccgcagtgtc 420
 atcaaggagc catcgatgt ctgccacagc ggtggccact gccccatgga cacctacatg 480
 cggcgggaaat gccagg 496

<210> 200
 <211> 378
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(378)
 <223> n = A,T,C or G

<400> 200
 agcaaagtgc gcctcaaaaa cagagaaggc aagatggctt ctgaatcaga aactttgaac 60
 cccagagctc gggctcntnan ctntatnnnn ancatnnnan ngcctaggnc cgtnatcann 120
 gtnngtgaga nnncttigna tcttgagnag attanntgcc cnnatactag acaagggcc 180
 gggctcagga agnnngagng gntggnnatc ggctagcaan ggatgagggt gatctagtca 240
 tccctgcgcc catccagcag ctggtgactg gacagtcttg cctcttctact cagtacaaca 300

tacagaagaa agccattgac cgttcgtgag ttccgcaaga tcgccaatag ctgacaatgc 360
actgggtgttt tatctgct 378

<210> 201
<211> 385
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 201
ctgtatatgg gcttgccctgg cccaccccgag cagacttcgc agactctgga gaggccctaa 60
tgacacantn ctgactgggc tcaccagagg caactctnga atnttttacc gagagggtgct 120
gccaatccag caggcatgca gggcagaagt cgtgtttctc catggaaaag catttaattc 180
ccacacatgg gaacagctgg ggacattgca gctactgtca gagaggggct accgggctgt 240
ggccatcgac cttccaggtn ntgggaactc agccccttca gaggaggnga gcacagaggc 300
aggccgagtg gagtagctgg agagagtgtt ccaggaccta caggtgcaaa atactgngnt 360
ggtgagcccc tcaactgagtg gcaag 385

<210> 202
<211> 491
<212> DNA
<213> Mus musculus

<400> 202
tgaggccttg tacagctcca tcaagaatga aaaattgcaa tggggccatag acgaggagga 60
gctgcgacgg tctctgtccg agttggccga tcctaaccac aaggatcatca agcgggtcag 120
cggaggcagt ggcagcagtt ccagcccctt cctggacctg actcctgagc ccgggggcagc 180
tgtctacaag cacggggccc tgggtgcgaaa ggtgcacgca gaccctgact gcaggaagac 240
acctcgtggc aagcggggct ggaagagctt ccacgggatc ctcaagggca tgatcctcta 300
cctgcagaag gaggagtatc agcctgggaa ggctctttcc gaggcagagc tgaagaatgc 360
tatcagcatc caccacgccc tggctacccg cgccagcgat tatagcaaga gaccacacgt 420
cttctacctg cgcacagctg actggcgggg cttcctcttc caggctccga gcctggagca 480
aatgcagtc t 491

<210> 203
<211> 346
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(346)
<223> n = A,T,C or G

<400> 203
tcaatgagaa gacagnactc tgcacttggc tgtgcattca cccccaagtg tatggaagcc 60
atntngaagc agctnctcaa ttctcctgcc atgtctctct gttcaggatg ttctgcccac 120
tgaacccgag cctggcatcc agcaagcgct agccaagagc ttagcagtga ccacttgtct 180
actcatcggg ggacggccat cagcctggag gtgaaccagg gagagtcttg actataggca 240
cggccccagc atcagtggga tcttggggga gactttgacc atcagcagag gaggtttggg 300
gggacaatgt tattaataa aaatgaccct tgccaagaaa aaaaaa 346

<210> 204
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(177)

<223> n = A,T,C or G

<400> 204

aaggctgaca	agcaccanac	ggnaaaggca	gngaagaaac	tctatggcat	tgatanggcc	60
aaaggcgtac	gtttagcagg	cttctgacta	tgacactctg	actgngacaa	gaatattggg	120
atcatctaaa	cngagtccag	ctggataatt	ntaaatatac	tttccccct	acaataa	177

<210> 205

<211> 230

<212> DNA

<213> Mus musculus

<400> 205

actgaggata	tgctgtcatt	ctgggctgtc	gtaatatatt	tctctgcaga	agagtgggaa	60
tacctgggtc	ctgctcagtg	gaaattatac	agggatgtga	cattggagaa	ttacaacaac	120
tttgtttttc	tggtatcttg	ttcctctacg	ccatacctgg	tcagatttct	ggagcaaata	180
caagagcctt	cagatgtgaa	gagtcaagca	gacatctcta	tgtactcagg		230

<210> 206

<211> 328

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(328)

<223> n = A,T,C or G

<400> 206

tgacaccatc	aaaaccaacc	ctgatgacag	aagaatcatc	atgtgtgcct	ggaacccaaa	60
agatcttccc	ctgatggcac	tgccctcctg	ccatgccctc	tgctcagttct	atgtggtgaa	120
tggggaactg	tcttgccagc	tttaccagag	gtcaggagat	atgggtcttg	gcgtgccctt	180
caacattgcc	ngctatgctc	tgctcaccta	catgattgca	catatcacag	gcctgcagcc	240
aggtgatatt	gtccacactt	tgggagatgc	acatatntac	cngantcata	tagagnnggt	300
gaaaattcag	ntacagcgag	aaccaaga				328

<210> 207

<211> 385

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(385)

<223> n = A,T,C or G

<400> 207

actgagggtg	agtctttcct	gctagaagaa	gaaggacaag	gtgctgnaga	aggncgnccg	60
gatagnactg	aagaaagaag	tagtggagga	ggaggagaat	ggagctgnng	aagangaata	120
cgaaactgca	ctggatggag	aggatgntga	tnaaggnnnt	gaagacnatg	atncagctan	180
gcggcgctct	nntcatgncc	ccctgccctt	gggcttgtgt	tttggntttc	ccttcnngtn	240
ctggnggttg	nccggganca	cacacatccc	gccccctttc	tcctgtctcc	ctgctctggc	300
cctnccccag	agctgtgacc	cttgtccttt	gacccancct	ctcntttcca	tctctccttc	360
nctgtctcct	ccccttctgc	ctccg				385

<210> 208

<211> 185

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(185)
 <223> n = A,T,C or G

<400> 208
 catgaggaat tggaaaactc ttctgaggat tacctntcca gcctaagggt tggggaccct 60
 gaacatccag agngcttttc tagntcaac attacgntgn ggcactttac cttgganggt 120
 nagcaggngg nccnttgtat ganattgtga aaacctcntg aaccttctag cagagggtggc 180
 tcgaa 185

<210> 209
 <211> 472
 <212> DNA
 <213> Mus musculus

<400> 209
 cttgcttggc tctgccaggt gccaacagga ccctggttct gcaggaaatg tgaatctcag 60
 gagcgtgcag ccagggtgag gtgtgagctg tgcccgacac aagatggggc attgaagagg 120
 actgacaatg gaggtctggc ccatgtggtg tgcgccctct acatcccga ggtgcagttc 180
 gccaacgtgc tcacgatgga gcccatcggt ctgcagtagc tgcctcatga tgccttcaac 240
 aagacctgtt acatctgtga ggaacagggc cgggagagca aagctgcctc gggagcctgc 300
 atgacctgta accgccacgg atgccgacaa gctttccatg tcacctgtgc ccagatggct 360
 ggccgtgctgt gtgaggaaga agtcctggag gtggacaacg gtcaagtact gcggctactg 420
 caaataccac tttcagcaag atgaagacat tcccggccac ttccagcggg gg 472

<210> 210
 <211> 863
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(863)
 <223> n = A,T,C or G

<400> 210
 gatctgagtg tggctctgta caaacatttc ctttcccctc gcgatgggga gacctgctcc 60
 ggtgcatcca gagaactccg catcctctgc tgtgatatag atccagtcct tgtggagagg 120
 gctgaaagag actgtccctt ccctgagggt ttgaccttta tcaccctgga catcatggat 180
 caagagagca ggaaggttcc cttgagttct ttcttgagcc agtttgggcg ttccgttttt 240
 gacatgggtc tctgcatgtc agtaaccatg tggattcatc tgaaccacgg ggaccgtggt 300
 ctgtgcgagt tcctggccca cgtctcctct ctctgcagct acctcctcgt ggagccacaa 360
 ccctggaaagt gttaccgggc agctgcaagg cgcctgcgca agctgggact ccacagtttt 420
 gatcaattcc gctcgtggc catccgagggt gacatggcca agcagatcgt gcggatcttg 480
 acgcaggacc acgggatgga gttagcgtgc tgtttcggca acaccagttg ggaccgaagc 540
 cttctgctct tcagagcaaa gcacaccac gagactangc aatccccgaa tctgtaacaa 600
 aaagagacac ngacagatta agaatncgaa aggccacggg acacacacca gtaaagagat 660
 acccggggag cttttaacac cggagaaatc gagtttgat cccagagaca tcaggcaagc 720
 ctttganaac tggcaagggg cttttggcna aaatgtcttg aaaccaagcc ggcttgaaaa 780
 gggcncagat ncccgggttn cccctggttg gntttggnaa aaaacttncc cnccggnnaa 840
 atgaaattcc cccgggggac aaa 863

<210> 211
 <211> 143
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(143)
 <223> n = A,T,C or G

<400> 211
 cagagactga ccagtgtgga cgtgcggaac acagnagact caccagtgtg gattaggacg 60

tgccctcttga ggtggtaact gctccgaaag gctccaaagc agtggttcaca aataaaaattt	120
ttgggaatct ttaaaaaaaaaaaa aaa	143

<210> 212
 <211> 250
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(250)
 <223> n = A,T,C or G

<400> 212	
aaaccttact ggaacctcac aggttatagg ctacaccttg cnaaaacccat tantatnnga	60
aagacttttgt caaagntcaa gaagaaatga naggatcgt aagtnatcat agcgnatgag	120
aaactctatn attttttctg agnggggggt anagcctttn cattgtccca ctcatctcca	180
aagngactat aagaagacnn ntnggagata agancncatn gaacattaac caactgtggg	240
taaagcgctt	250

<210> 213
 <211> 399
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(399)
 <223> n = A,T,C or G

<400> 213	
atggaccgag ccctctgcaa tacaaccgct gtttggaac ttcattcttct tactgagcct	60
ggctgtctgc tacatgctcc ctgtggagtg gaacatccgc agacatttta aaggaacagc	120
tttgtgtccc accanaggtg ctgaggactg aacacatgga ctcatatc atacatgggt	180
aagctctccc atctatcacc tagcttcagg tttgtcagcc atctctccac atacacatta	240
agcatntgaa ataagacact gctgatattg gatgatagca aggttcagaa gacctggcag	300
aggatnttcg atgancttct gtccctcaagg aatcgantac aggacttcta cttgcagaaa	360
aggcaagaat ggctnattag ggaaaaagga tattcccga	399

<210> 214
 <211> 323
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(323)
 <223> n = A,T,C or G

<400> 214	
atgaccgttt tgatgaanat gacaaagatg attctgnctg gntnttanac catgattatt	60
tggaacacat gnatgggatg ntcaagangg tcantgccat anaaaggata gttgggtggt	120
nccacacagg ccccanttnt gcacangagg ggatatccgc catcaatgaa ctcatgaaga	180
gatnctgccc caactcanta ttgggtcatta tcnacngaa nccaanggac ctangacttc	240
ccaccgaanc ctacatcctc agtgnaggaa gctcatcgac tatggnacgc caacgtcaat	300
anacttttga gcatgtgact agc	323

<210> 215
 <211> 416
 <212> DNA
 <213> Mus musculus

<220>

```

<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

<400> 215
cccagtcacg ttaaatgtag gtggacactt gtacaccgac atcgcttacc acagttgaca      60
cgctaccccg attctatgct tggagctatg tttgggggtg acttccccac agcccagagac      120
cctcaaggca attacttcat tgatcgagac ggaccgctct tccgctatgt ccttaacttc      180
ctacggactt cagaactgac actccccctg gactttaagg agtttgatct gcttcggaaa      240
gaggctgatt tctaccagat cgaacccttg attcagtgct tcaatgacct caggcctctg      300
tatcctatgg atacttttga agaagtcgta nagctgtcta gcactcggaa gctttctaaa      360
tattccaatc cgggggcccg catcatcncc cantttaacc attcaccccc gaaagg          416

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<210> 216
<211> 317
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

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<400> 216
gatgactgcc tgcctttnac cttggagacn gtgtacagct ggnanctgna agcctgggat      60
gaggatctgc aggaggtcct gtccctcagat gaaattgggg gcacctatat ctcaccccca      120
ggaaacgaag aggaagaatc aaaaaccttc actactcttg accctgcgtc cctagcttgg      180
ctgacagagg agccagggcc aacagagggtc acacgcacat cccaaagccc tcgctctcca      240
gattccagtc agagttctat ggcccaggag gaagaggagg aagagcaagg aagaactagg      300
aaacggtaaa cagagtg          317

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<210> 217
<211> 235
<212> DNA
<213> Mus musculus

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<400> 217
acacgaatag catagtcatc tggaagagaa gaaacaccag tcactccctt cgaggagtct      60
actgaggaag aaagagaaca ggaggaggcg gctgctctca aaatccagtc cctcttccgg      120
ggacacgtgg ctagagaaga ggtaaagaag atgaagtcag ataagaatga gaatctgaaa      180
gaagaggcag acaatctgag accacagggt ttacaccccc gaaacatgaa aagta          235

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<210> 218
<211> 355
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

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<400> 218
acaacgttcg tgcggntcgg tnagggggtg tgnngctggc ctatgacang gatgaatggc      60
cagtcaacaa aagtgagcat ctttcctgtg ctttcacatt cttccttcat ggagagagta      120
accgtgtgca caagtgtgga gatagctcag caccagccga tctatttgat caacgaggac      180
gggctgtaaa ctagatatat gtaatcttta ccacttggga ttgcttcctc tcagagttca      240
ccagaacttt gaatttctct ctctctctct ctttttttaa tgggctgttt ttactgcagg      300
ggcttttctt ccctagaaac ccaactctac gcagaaaaag tgaaaaggaa aaaaa          355

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<210> 219
<211> 120
<212> DNA

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<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 219

ttggttccac	gtacgtcagn	tctgctcatt	atcantgacg	gcggnatctg	cgacgtgaca	60
cataccatag	angccatcgt	nagtgccttc	tcactgccca	tgtactatca	ttattgtcgg	120

<210> 220

<211> 265

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(265)

<223> n = A,T,C or G

<400> 220

gggagcagat	ggactatgga	ctacagttta	cctcctcgcg	aaagttcctc	agcatctctc	60
ctattgnact	ttacctcctg	gccagcttct	acaccaagtn	cgatgctgct	cacttcctca	120
tcaacactgc	ctcgctgctc	agcgtgctgc	tgccctnngct	accccagttc	catgggggtnc	180
gactcttttg	aatcaacaaa	tactaaanga	nggttggtta	gttctgcagg	cattgagggga	240
aggcactgga	actaagatat	aatgt				265

<210> 221

<211> 375

<212> DNA

<213> Mus musculus

<400> 221

gactgagcct	cctgctgga	gagggagcac	cccccccacc	ccccagggcc	tggagcctac	60
ctgccagcat	cctgggagat	ggtaacagac	acgtccagtc	ccagtgtggt	cacccttttg	120
cacacggcgt	ccatgtcgat	gatggagtcg	atgctctcgg	gaccatcctc	cacgcagcac	180
tgagagccgg	ggcagaaccg	gcaattatcc	agtcctttgt	aacccttggt	gtgcccacat	240
ttttccagcg	tcactgtggt	ggccatgccc	gacaccccaa	catgcactac	gagctggggga	300
caagagacaa	ttgggggacg	gtttagcagga	gcagcaccca	cccatacatc	gtgagatgcc	360
aggacttgga	aggtg					375

<210> 222

<211> 102

<212> DNA

<213> Mus musculus

<400> 222

acctagcaga	tgtcacacag	acgataaata	gcaaagatgg	aagtcttcat	gccggaggca	60
atcctataag	acagctgagt	tctgcagagc	tggagacaga	ct		102

<210> 223

<211> 498

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(498)

<223> n = A,T,C or G

<400> 223

ttcctctctc	gttcaaatec	tgtagtgca	atgatcaaan	tctgtngacc	cacatnatcc	60
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gcctagtgtg	caacgaggtg	acnacactga	cggnanaccc	acctganggg	attananact	120
tccgcaatga	tgaggtatct	ncacagacct	gcaggttacc	atcgaggggcc	ctgatangga	180
ctnccctatgc	tggaggtctg	ttccgtatga	aagctcctac	tggggaagga	ctnccctgcc	240
tccccaccca	agggctactt	cctgactaaa	anattccacc	caantgggtg	gcccccaatt	300
ggccgagatc	ntgntgncca	natgtgcttc	aannnagnng	acctgngann	ggnnctgnaa	360
tctggggctt	taccnaatat	agtagcctng	gttgcnccaa	tnaaangngn	ccttggtctg	420
gatnccccacc	ccttaaacc	cannaanttc	tggnannttc	aattagaaan	gaagggcaaa	480
ggccccgccct	ttgccttt					498

<210> 224
 <211> 502
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(502)
 <223> n = A,T,C or G

<400> 224						
agactgagaa	tgctcgtgat	tcctgtccct	tggattgtaa	ggtttatgta	ggtaatcttg	60
gaaataatgg	aaacaagact	gaattagaac	gggcttttgg	ctattatgga	ccactcagaa	120
gtgtgtgggt	tgctcgaaac	cctcctggct	ttgctttcgt	cgaatttgag	gatccccgag	180
atgctgctga	tgctgtccgg	gaactagatg	gaagaacact	gtgtggctgc	cgtgtaagag	240
tggaaactgtc	gaatggtgaa	aagagaagtc	ggaatcgtgg	gccgcctccc	tcttgggggtc	300
gtcgtcctcg	agatgattac	cgcaggagga	gtcctccacc	tcggcgcaga	tccccaaagaa	360
ggagaagctt	ttcccgaagc	cggagcaggt	cactttctag	agataggaga	aaaaaaaggt	420
ctcttgtctc	gtgagagaaa	tcacaagccc	gctcgcacct	tctcttaggc	tcgnaaccce	480
tctanggccca	atgaaaggga	at				502

<210> 225
 <211> 556
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(556)
 <223> n = A,T,C or G

<400> 225						
tgccgctggt	cctcctgctg	agagccctga	gctattcnan	agatgacact	gnntgcngct	60
gtnggaccnc	cgcagccacn	ctctnnecgg	tcggcnctcc	ctccttgga	ngnnattnta	120
tgaataaaca	tcnnaaccag	tactatcagg	ccagcggttc	aaaaccgga	aaagggatga	180
agaaaagaat	ttcnaaccce	cnccttncag	ggatacactt	gtccaggggc	ttantnaacc	240
tgggtgataac	cttgaanctg	tagccaaatt	tttggattct	actggctcac	nattagatta	300
ccgtcgctat	gcaaacacac	tctttgatat	cctgggtggct	ggcagtatgc	ttgccccctgg	360
aggaacacnc	ntnnacaatg	gtgacnagga	ccaagatgac	cancactgt	gtgttttcag	420
caaatgaaaa	tcattgaaacc	atccgaaact	atgctcaggt	cttcaataaa	ctcatcaggg	480
agatacaatt	tatttgga	aggcatttga	anatgaaatg	aaaaaacttc	tcctcttcc	540
taaagcattt	tctgaa					556

<210> 226
 <211> 198
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(198)
 <223> n = A,T,C or G

<400> 226

aacgacgaaa	catcancaga	actttattga	gantggattc	tgagactann	catgacactg	60
angaggcacn	gcaagtgact	cctncaatga	cnagntccan	gagatccatn	ngcaanaatc	120
tatggngggg	ccggggggccc	cagtcenrrt	catgcaggat	ntatctgcga	ctttcagaan	180
ntggggaggc	tgacattg					198

<210> 227
 <211> 446
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(446)
 <223> n = A,T,C or G

<400> 227						
agtctgagct	ttgacgactt	cctggacctt	ctgagtcgtt	ttcanngaca	naggaacccc	60
nnacatgang	ccncactatg	ncctnccnat	cttngactnn	tnngacnatg	gacccntgga	120
cagagaagac	ctgagccntc	ttgagaatct	gcctcacagc	agagagggcg	aggacactng	180
gctaanaacgc	ttctgagatg	aacccagntg	attagacaat	nnccctggaag	agtaanacat	240
ctgacagggn	tgggaccatc	tatnttncgc	aggtccaaca	tgtgatctcg	cgctcaccag	300
actttgccag	ntnctttaag	atngtncgtg	gatgtctttn	aagnnccaac	atgcctggcc	360
aaggacctgg	ccactgctga	gatgtggcca	aggttatgcc	tgcggtgnca	ggncnngtgc	420
cggcccagnc	tggaagagggc	gctgga				446

<210> 228
 <211> 354
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(354)
 <223> n = A,T,C or G

<400> 228						
ccccactgtt	tcagggatgt	acacgatcgg	agacattgtc	cacagttggn	gagtgcactg	60
cccctgagca	ggactgtgcg	atnnactgtg	ctcanggtcc	ccaaggctgc	tgggcnanga	120
agnccgnntca	gaantnctaa	ggggactctg	gccaatgnnc	tagancaant	naagttnttt	180
tccaacgtnt	aaaaacacat	anaanaccnc	cagcctatgn	ccnctttctg	ctcccggatc	240
acgtcctgtc	ggtaacatta	gccacagtcc	aaagatggca	cagccaagga	tggaagccaag	300
tctccacacc	aaaatctatg	atggcccacg	tctgactcaa	gttaaaaaaa	aaaa	354

<210> 229
 <211> 186
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(186)
 <223> n = A,T,C or G

<400> 229						
gttgccagtg	ttgctgattg	ngatacaaga	tnгнаaggag	ccngggtnnt	ncattggana	60
ggctcttctc	cctggagcat	cccggcttct	atcttacaag	atgcttgnat	acagncttct	120
gataaagatc	tggaacgcct	ttcnggntgc	tnnataggag	ggaanttctg	ttatatggga	180
gaacac						186

<210> 230
 <211> 665
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(665)
 <223> n = A,T,C or G

<400> 230
 agcaagctgc acatggaagg gttccgaagc ctcaaggagg gtgaggcggg ggagttcacc 60
 ttttaagaagt ctgccaaggg tctggaatcc atccgtgtca ctggccctgg tgggtgtgttc 120
 tgtattggaa gtgagcggcg gccaaagggg aagaacatgc agaagcgaag atccaaagga 180
 gacaggtgct acaactgcgg tgggctagac catcatgcca aggaatgcaa gctgccaccc 240
 cagcccaaga agtgccactt ttgccaaagc atcaaccata tggtaggcctc gtgtccactg 300
 aaggcccgag agggccccag ttctcagggg aagcctgnct acttccngna ggaataggaa 360
 gagatccaca gccntgncct gctccnagaa ncccagaatt gangcccagg agtcagggtt 420
 attctttgct natggggagt ttaangaaag aggcataaat ctgnacagtg ntnaangtgt 480
 nngtaanggt nggnttttgc tggnttancn ttngnctgnc gagncntnnn gccggncttc 540
 ccaacgtcat cctgcttttc ttnaagntan tgaaaggatt aggcnaatgg aactctaccc 600
 nactnttnnc tgaagcnagc gaagcttttn tgngggagga accncccttg aaccccgagg 660
 ctttt 665

<210> 231
 <211> 105
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(105)
 <223> n = A,T,C or G

<400> 231
 tagtctggaa ccacgccgng ggaggatcta cagaaatatt gctggcgag acacatttcc 60
 agttgtctga ggtggccagg acattactcc cgtgcgcctt accca 105

<210> 232
 <211> 199
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(199)
 <223> n = A,T,C or G

<400> 232
 accatttttg atttttgtac ccatataaag tctctgaaac tcaagtcaag gaatcttctg 60
 aagacaaaca acagttttcc tccaactgga ccatgtaatt taaagctgaa cggcagtcag 120
 caagtactgg ttgancacag ttatgccttt aggaacccta tggaggcgaa aaaaaggata 180
 attaaactag aaaaggaaa 199

<210> 233
 <211> 530
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(530)
 <223> n = A,T,C or G

<400> 233
 ggatcatgaa gtgatataca gtcattttca gggaccatta nagggtncta tagaaccagc 60
 tactccaact gaagtcgtca gcaatggggc acctctncag cctgnccctg ctgaactggc 120
 caatagccaa ggnggagcac atgttcagcc tgccctgnt gaagtgggtca gcagccaana 180

tggaactgunc	actctacagc	ctctgncacc	agcatncatt	gatttgacgg	aggaagtaca	240
gccctcagaa	gaaaatatgg	aggttgtcaa	tcctggaact	tcagaggagc	ctagtcaggg	300
atctggtgct	aaccacaaccg	ccggagctgc	tagatccgtt	tcaatgaaca	acttcatcag	360
cnggctgcag	aggcttcata	acatgctgga	attgctgana	cctccacctg	cagaccacag	420
tgtggggcca	ntaanancaa	ggaggaggat	ggcaccatt	ttgagggcca	gagctggaga	480
gtctcanagg	caagacaatg	gcaggtatgt	gccacataca	ccactatatg		530

<210> 234
 <211> 281
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(281)
 <223> n = A,T,C or G

gaactgagag	aagaaganaa	tgaggcnaag	attgaaaatg	tgagcaaaaa	caggtttcat	60
caaaggacca	gtgttcaaag	gtgtngcttc	aagtcgattt	ttgcccaata	ggcacgaaga	120
caaaagttaa	tttgaggaa	cagggacggc	aaaagggtgc	attcagcttc	agttttacaa	180
agaaaacttt	acagaataga	tttctcactt	gcgcttagca	atgaaaagca	aagtgattct	240
ccaaactccc	cagctcccc	tnttcaagta	gactcaaaaa	a		281

<210> 235
 <211> 353
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(353)
 <223> n = A,T,C or G

tgagtgtgtg	agggactgca	gtatggcttc	atttccttgg	tgcgtttgta	aaatagttca	60
cccattgaag	accatgaagg	ttctttccaa	tgctgccctg	cttttgctgg	tgtcttgctc	120
ctggaagtgt	tgatgctaaa	gnnttatgat	gtantgactg	ngatttcacc	tccaganttn	180
ngatgactct	ncgacattgg	nnngatnang	cggnnnactt	ctangactga	aggccatggn	240
gtgtgtgcat	catggtaaac	tcaccaannc	aagtnatgcc	ctngagatga	tcctncttaa	300
actngtcatt	gcactctttt	gttgacnccc	agnctttgct	gtattacatt	aaa	353

<210> 236
 <211> 448
 <212> DNA
 <213> Mus musculus

gactgagaga	tgttatgaac	ataaacagta	tagaaatgga	ttgaagttct	gtaaacaaat	60
cctttccaat	cccaaatttg	cagagcatgg	agaaaccctg	gctatgaaag	gattaacagt	120
tgaactgttt	gggaaaaaag	gaagaagctt	atgaattggt	tcgcagaggt	ttgagaaatg	180
acttaaagag	tcattgtgtg	tggtcatgtt	atggccttct	tcaaagggtca	gacaagaagt	240
atgatgaagc	cattaagtgc	tacagaaatg	cactgaaatg	ggataaagac	aatcttcaga	300
tcttaagaga	tctttcctta	ctgcagattc	aaatgcgaga	tcttgagggc	tatagggaaa	360
caagatacca	gttgcttcag	cttcggcctg	cacagagagc	atcatggatt	ggttatgcta	420
ttgcttacca	tttattagaa	gactatga				448

<210> 237
 <211> 227
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(227)
 <223> n = A,T,C or G

<400> 237
 gaggcctcag cagttctacc tgtcatcana tcaggagcat cagtgttgct gccgcgttga 60
 atgagnatgg ctgcaaagct attctcatca aatgatgtcc cattcaccac agggaggtct 120
 tcaaaggggt ttacagactg gtctgaagac acagtgatgt actggacggc cagccagagt 180
 gcagtgtctgc cttcgtgatn tttcagctct aaatctaate tgaaata 227

<210> 238
 <211> 539
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(539)
 <223> n = A,T,C or G

<400> 238
 gaaagaagct gacgacagaa gggctgagga cctggggcacn accacttacc gaccacttcg 60
 tngnctggct gaaagancgt taccttcctg ccaactaaag agcagaaata gtctacagat 120
 aaggaaaact gaagtaaaat ggcctcataa tcaatncatc ctttggtacc aagatatgta 180
 cacacggaca gctctcagac ggaatcctag ctgcatagag tgctcatcct gccaaatnag 240
 cccaggctct gctcactagt gattccacac actagcaatt ccacatggta ggatcatcatt 300
 gcccttnttg aactcaagtg caagtgttaag tgtgagctca cctggctatg ccatgtatct 360
 tactcataaa cctcttccca tcgccctgag gccaaactgct tatcacctcc tgctgacttc 420
 ctttcctcac tattgtctcc gtgcgtcagt ccctcttctg tcatcactgt ttagcttatg 480
 gactttgntg nngggagccg cgcccacatt tcgncgntac aagatggcgc tgacagctg 539

<210> 239
 <211> 135
 <212> DNA
 <213> Mus musculus

<400> 239
 gactgagagg cttctcgaga gacgaatgct gttctgtgcc tgatgaaagg cttgaaactg 60
 acgagcggaa aagaaatttg ttctattctt aaatggggac aaataaatga taaatatctt 120
 ttctaataaaa aaaaa 135

<210> 240
 <211> 486
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(486)
 <223> n = A,T,C or G

<400> 240
 caggtaggcc tgccaaacgt atangtganc cccctgtncn natgatgggn ttcctgngag 60
 ggagagnccg gtgaccgaca tgcctantga gcctggcact natggtgctg aatcccggnc 120
 tggntgcctg nggatcagca gacaattggg gccgtgggag agtctctggt acgcctcatt 180
 aacgaccgag gagacggaga aggggtacga ttatggttta gggctagatg cagccgtang 240
 ggccaccgta taccaggtca gaagccaaac gaaangtcaa acaccagcg ggcaagctcg 300
 cgacgcgcct cagcaacgac accgccaagn tctcgtggga ggagcgcgac tggcggcact 360
 ctgcggaata gtggaagctc ccgcaagcag gcggggggcg tgaccgnaag aaggtgtatt 420
 tcaaagtggg taatagatgg ttttctcacc caataaaant gcaatttatc ctctataaaa 480
 aaaaaa 486

<210> 241

<211> 154
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(154)
 <223> n = A,T,C or G

 <400> 241
 tgatttacc actgaggacc cttagatcct gtggatacct ganaattgat tcatctgtnt 60
 gtagctgagg cttggcacct gcaagcttn cctctcctgg catttcacca agcccccgag 120
 ctacagggc tctggctccc ctgaagtcct gggg 154

 <210> 242
 <211> 375
 <212> DNA
 <213> Mus musculus

 <400> 242
 agaagtgttt ctattttgag tgtcgaacac aacactcgaa agcggctcac aagcaggagc 60
 ccgatttagg gtttagtttt ggtatgtgtc cctccctttg acttgaaggc ctgcctgggc 120
 tgtgtctgta acatgatgtc tgttgatgag tggagcagac acctgcccac agttggctcc 180
 tggtaactcc cgtctgctgg actgcgttgc cttcttccgt atgctctccc gaaaactgcg 240
 ttgccttctt ctgtatgtc tcccgaacac tcaagtgttc tcaggcggcc tctatggtgt 300
 cctttctctt ctttcccaaa tggtagccca aataaatgaa tatatatgaa tcgttttcaa 360
 cctacaaaaa aaaaa 375

 <210> 243
 <211> 153
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(153)
 <223> n = A,T,C or G

 <400> 243
 gcctctggga tctcttcttc cttcnngnag cggactgacc acagcaggat cttcttctca 60
 aaatctgttg gcttgtgcag cnggcacccc gtgtctgtna gactctgttg ggaaaacagg 120
 aatctggctt gagactttaa tgctcaaate aag 153

 <210> 244
 <211> 239
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(239)
 <223> n = A,T,C or G

 <400> 244
 aaaatgccat aagtcctgtg ccatnaagaa tatgctngac ctncctttgag aaaaccaacg 60
 agatgcgttc tgaacttcaa caatcatgtc catgngtgct ggctgcaaca gatgagttag 120
 cggctttcat ncaccagtac ccgcaccttg gnggnntgaa acnnngatct ggacagcatt 180
 ttncaaagga tcaagacact nnaggggaaa ctaatnccag ncagcactcc ataggcctt 239

 <210> 245
 <211> 174
 <212> DNA
 <213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(174)
<223> n = A,T,C or G

<400> 245
gaaaagattg aggaagtgtt tcacgtggaa ccccaactac agagactctt ttataggggc      60
aaacagatgg aggatggcca cacactcttc gattatgatg tgcagcctca atgacacaat      120
ccagctgctc gtgcgcnggg nggntggcac tgcctctcag tacaaaaaaa caaa          174

<210> 246
<211> 245
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(245)
<223> n = A,T,C or G

<400> 246
cccgaacctg ccaatnctac tttggcttca gtggatggtc gaaaaggatc atcaagggca      60
gtcctcgttt cttatgaaga ggaagacagc tcacaagctt gncttccaag gcgggctgta      120
ntcagatgcc ttccagatgc gtgaccantc ngnggntctg gaaagtggna ggntcgcggg      180
ggagtacagg cccacgggng angatntana tgccagaaaag naaagaagag ctgcgagaat      240
ttaat                                          245

<210> 247
<211> 176
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(176)
<223> n = A,T,C or G

<400> 247
tgcccactca ctccattctc annacctctc ttctcatgn nnatgaatca ggatggnaag      60
ttctnagnct acatgctcta gcatcatacc tgnctgncag atgccgngct ccctgncatg      120
atgntcntga actcaccctt taaaactgna agccctcnat aaagcctttc ttctac          176

<210> 248
<211> 399
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(399)
<223> n = A,T,C or G

<400> 248
cttgtctctg tgtagtagcc caaatcctaa tctccagtga aaccctccac atgcatgac      60
ttggtctcca gcagctctgg acactgcccg tcaccgacac ctacctgatg tcaggactgt      120
cccgactctg gggaggtagt acatctttac gtggaagtca gttcccaaag gaactattca      180
gaagctagct cactgaagga gaccaagaac aagctggagt tgatccccctc actctgggta      240
aggtgcacct tggtttggtg cactcacatg gtgttcacag ccattttacaa ctccagttnc      300
aaaggatcta acaccctttt ctgacctctc tggncatcag gcatgcatgt ggtgcacaga      360
cttacatgta ggcaagacac ataaaaataa aatgaagag                                          399

<210> 249
<211> 127

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<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 249
ccatccatga aagctctgag acagagactg ggtccangag tacattagca gccgnatngt      60
ntggangngg tcaganggtg tgntatattg aaggtnntcg ganntattat atctaggggg      120
ggggaga                                           127

<210> 250
<211> 411
<212> DNA
<213> Mus musculus

<400> 250
gatgctgact gcagggatgg aggaactttt tccactgcag aagaacaatg tgggtgcctat      60
gggaacatgc catgtgacca ttctccattc ctcccagcaa ggcacgctgg gtgatgtgaa      120
gaacccagga aggaaagctg gaggagagca tgggtgggtg cagagcgggg tttggggaag      180
ccctgagccc tgctccatct gaccctcagt acatctgtct ccgtcactgt ctacctgccc      240
tgctcacgcg tgcccctcac tcacccacag gcaacaggcc tatctttccc ccaacatcaa      300
aagagctatt tcagegactg tcgctgtacc tggcccatag cctctagtct atatatgtct      360
gtcaaatgaa ttggctataa acatgaaaag gtttctcctg aaaaaaaaaa a              411

<210> 251
<211> 144
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 251
catatgagag cggagccttg cangnacctg gattcagang aataccacnn ccgctatggn      60
tctngncttg tattgggctg antacctgcc agnatccaca gaggtgggtg tgnaccacaa      120
gcaggaccca aaagacatgt attg                                           144

<210> 252
<211> 244
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(244)
<223> n = A,T,C or G

<400> 252
catggcggca tacaancatg tggtanccag atctgacgcc ctcttggtga gngtctgaag      60
tcaactacng ttgtacttat gtataatant naatnnttct tttnnanaaa gttgacaaag      120
aatcnctana gcagcctcgg ccatncacag acagnctcgc gtttttctcc tactntgtgc      180
ttatgctntt aaatggcaga ctgcacgggg cngnggtggc ngcacgcctt ttaatccctg      240
cact                                           244

<210> 253
<211> 211
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(211)
<223> n = A,T,C or G

<400> 253
gaactgagat gacaacctga gaaagctaata tttaaaaaat gatgccgggt agcaagcata      60
atagtaacag aattgtgctg ttttctggta tccccacccc catttgaacg gcgtgttctc      120
gatgtcgcta caagtttggtt caaatgacag atgnaactna aaangctgtt actgctattg      180
atgaataaca tactactctc aaaaaaaaaa a                                211

<210> 254
<211> 216
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(216)
<223> n = A,T,C or G

<400> 254
caccctcaac cactggtgat aagccngntg tgttnccncc atctcaagac ttgctctgca      60
atgtcggaca cctcggccaa gccttgatta tcaaggagag actggaagat aaacagaggt      120
caaaaagccc acttgattag ggagtgagga tctgggtacca ctgcagctgg tgaggagaga      180
gagcaagaga tggaaaaang ggagcttacc taagaa                                216

<210> 255
<211> 278
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(278)
<223> n = A,T,C or G

<400> 255
aagacttgtc ggacgtggag gaaattgtca gcgtccgtgg ctnacagcctg gaggagaagc      60
tacgtagcca gttataccag ggggacttcg tgcattgctat ggaaggcaaa gattttaact      120
atgagtaccg tacagagaga agctntcagg gtccccctgg tttttcggga caaggatgga      180
ctagggatca agatgccaga ccntgatttc acagtccgag acgtcaaact cctggtgggt      240
aagtgccaaag ggccgggtag gagaagggaa gggagggt                                278

<210> 256
<211> 178
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

<400> 256
cactggacac gagctcgcat aatcagaaaag gctttatcca gaggacttct acactgatga      60
tgatgaagga atgttatcag acatggggcc agcctggagc ngtgaagccg gaacccagtt      120
acacagattn agnccnctat anagtccagg tcngaaaaga gttcccgtgc cttacgct      178

<210> 257
<211> 270
<212> DNA
<213> Mus musculus

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<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 257
 cggcccaccg tgcgccccag actgaanaag actgncanaa actatgacca atcannagagc 60
 agcatcaacg gacatctatc caatnggnac gtgctaggnc ggtacctacn gaacaagacg 120
 gncggntca cctgtnttnc tacgggtggga ttgagaggta nccgcatagt gcgacactag 180
 aacnanncaa aaggncgcag cacaagttac gccactacg ggggtgtatgn tgggaaaggg 240
 cgctgcgca gaggtgctct cctggatctg 270

<210> 258
 <211> 261
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(261)
 <223> n = A,T,C or G

<400> 258
 aatccggtac gaatttttag ggctcatggc ccggccggcc gttcatcatc ttgaggcagg 60
 ttccacgaga ggtttgacct cgactccaac tataggaaaa acaacgactc caaacgccgt 120
 gaccgagcta ccgtcctnct ccgcgctcta ggctgaaggg cattccgacc tgcattnta 180
 ggagacatnn aaaccctatg ctgcctcaaa ctcaaacttg cagcaatcct cctgccttca 240
 gcttnccccc acccaccgtg c 261

<210> 259
 <211> 407
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 259
 ctgcggtggc acctggggccc tggcngtctn tacntattgt ggaacnatnn ctgngcaggc 60
 nntncgnggt acataacctg ngtnaatcc aatgcgcatg cngcagggtg tccctggaggc 120
 ctatggcggg atgctngaag gagccgtaca gcatngagca nngcnagngc cnttcgggnt 180
 acctatngga ncatggagct ggccattcct cactgggagc cctgagaccn ccatgtangc 240
 ancnncaatg gtctctacct gcggggcggg ggagaatnna ggacnagctt tgcctgcgtt 300
 ggancnnaca gnataanagc agngctntgt gccattcggg ctacctctcg ggcattggagc 360
 tgnccattcc tcaactgggag ccctgatacc accatgtaag catcacc 407

<210> 260
 <211> 196
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(196)
 <223> n = A,T,C or G

<400> 260
 gggttacggc catatggaca nctcaagcgc ctgctagaag cagccagttc tgggtgaggcc 60
 acaggggact cagcatcctg acaacagcag ttcacctttc caaaagggaa ggtaactctg 120
 aagccgccat tcacatccgg acccagcggg ctccctttccc ttacaacgga gccactttcc 180
 cctccaaaaa aaaaaa 196

<210> 261
 <211> 268
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(268)
 <223> n = A,T,C or G

<400> 261							
actgagccca	ggagactcat	tggaggaagg	tgtatatcca	agagcaaatt	gaccagaagg		60
actcttccat	tactgaagct	ggncatggna	ctcatcagga	gtgcaggttc	tttgtgaatc		120
acccacgctc	caggtgagat	ttttaatttg	tatagttgcc	tataaactgc	ccaagggact		180
tcctggtgat	gtaactgcct	ttgagtcacc	cgtgtacct	taagtggcct	caataaannc		240
aatgggtcac	caagctgaaa	aaaaaaaa					268

<210> 262
 <211> 324
 <212> DNA
 <213> Mus musculus

<400> 262							
cttctcaccc	atgaagggag	ggcatgtggg	gcaggaacca	gagacctcct	gcagggtcaag		60
tgcagacaca	gagcagggtca	acttcctcag	ccaccctcag	cacctagaga	agccctagct		120
ccatgcagga	cgaagagcct	aactccccac	ctcatgcctg	tcaccaagac	tggcctcttc		180
tctgtccttc	caccttctta	tgaaggcag	tgggtgtctgc	tcagccctgg	gcgtactctg		240
tcctcacagg	ccctgcactt	tagggccctg	gtgtcatgac	ctgtggaaga	agaaggttgt		300
agttggtagt	ttccagattc	ctgc					324

<210> 263
 <211> 298
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 263							
tgaggtatta	tggctnaggt	ctgtctgttc	ctgancggct	ggaaaactgc	cgaantttgn		60
natcngtgn	gcggnagtgg	caggnccttgn	tatgngctta	nccaactgtn	tgntgagaag		120
ggacatgtca	ccggaatana	catgactgan	gtccagggtcc	aagngtctaa	aacctatntt		180
gaacaccaca	tggaaaaatt	tnggtttcca	ggcacccaat	gtgacttttt	ctccacggnc		240
gcatcgagaa	gttgncagan	gctgggatcc	agagngagag	ctatgatatt	gtcatgtg		298

<210> 264
 <211> 215
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(215)
 <223> n = A,T,C or G

<400> 264							
actgcccttt	gagaataaaa	tgggaggcca	caaccaaaagt	cttttggata	aagcaccaca		60
atggacaatg	naaggnagnc	tgccttactc	tnactncttn	nnaaggcaca	gancttttgc		120
attatggtaa	agancctcan	ttctaactctg	tttctctctg	ctctccttcc	cgagggacag		180
aatctttacc	agnntnggaa	agacctccct	aactc				215

<210> 265
 <211> 287
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(287)
 <223> n = A,T,C or G

<400> 265							
gctcgcattc	aactgtgatg	agcccatgta	tgtcaagctg	gnggnggcac	tttntgctga		60
gcaccngatc	aacctgatac	aagggtgatg	acagacannt	aaactaccgt	gaatgggnag		120
gcctctgtac	antctnatcg	angagggcnn	accacaggca	angtggttgn	ttgcnnngtn		180
ccntanttgg	ttaangacta	tggcanngan	tttcaggcca	nggatgtcat	acgaggaata		240
ctncaagtgc	nggaaataaa	taaatttttg	gctgaaaaag	agaaaaaa			287

<210> 266
 <211> 170
 <212> DNA
 <213> Mus musculus

<400> 266							
gactgagttc	ctcgtctgagc	agtgtctggat	ggcggcttca	tctacttgat	catgctgcgg		60
cgcttcaagc	agaaagccca	cctgacttac	aatggcaaca	gtggcaacag	ctcagaaccc		120
ggagagacac	cgaccttgga	gctgggtgac	cagacttcca	aaaaaaaaaa			170

<210> 267
 <211> 258
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(258)
 <223> n = A,T,C or G

<400> 267							
gactgagacg	ttcctctgct	ggagactggt	gagcttcagg	gacatgccat	caaggaacta		60
aagggagcat	taagagacta	tgaaatgaan	gggcttgtn	ctacaggcat	gaccgnaaac		120
tcctgtctgna	nnaggccaga	gactttcgtg	gttntgtgaa	aggaaactaa	ntttaatnaa		180
atnttgagnc	gnnctnnctt	cttgnaacat	cctgattagc	ggcttggtacc	tactggcaat		240
accggaaact	cctgtctga						258

<210> 268
 <211> 337
 <212> DNA
 <213> Mus musculus

<400> 268							
aactgaggca	aacctgtacc	tgggactgct	ggtcatgtgt	ggctttgtcc	tctttgatac		60
tcagctcatt	attgagaagg	ctgaacacgg	agataaggat	tacatctggc	actgcgttga		120
cctcttccta	gatttcgtta	ccctcttcag	gaagctcatg	ttgatcctgg	ccttcaatga		180
gaaggacaag	aagaaagaaa	agaagtgacc	aactggccgt	cagcctttcc	cagctcacct		240
tctccccccc	acccccccac	ccctgtttct	ttgcacacat	cacaggtgtc	gtgttctatg		300
ataatgaaag	catcaggaaa	gctttttgtac	ttaaaaag				337

<210> 269
 <211> 150
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(150)
 <223> n = A,T,C or G

<400> 269
 ggagaacttt ctacatttag agctgtgcaa cagagaggag caggctgtac tcctgagagg 60
 tagtgagctg ataanaagat tccagacctg tggaaacctg gatgtgaata gtatgatggc 120
 agaaattttt gattaaaaag tcattgtata 150

<210> 270
 <211> 119
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(119)
 <223> n = A,T,C or G

<400> 270
 cacctttgaa ccctacggct gntttgnaca tnttntgnat actaggtntg cccnctganc 60
 ttgggcctcc tctttttctc ttaagtcttg ctttctttcc ttnctctgcg aaatgagtt 119

<210> 271
 <211> 525
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(525)
 <223> n = A,T,C or G

<400> 271
 tgagatttga aggatgcacc ntctggccaa ggacagcctt cttttcggaa gactcccgat 60
 tcaaagtggc gacagacggc accatcacag tgaagcggca tctaaagctc cacaagctgg 120
 agaccagttt cctcgtccgc gcccgggact ccagtcatag ggagctgtct accaaagtga 180
 cgctgaagtc catggggcac caccatcacc ggcaccatca accgctgacc cctctccaa 240
 catggttctg accttcagt ccaaagaaga tgcaattgcc tttgcagaaa aaaaacggat 300
 ggagctatga tgtggaagag aagaaggttc cgaaacccaa gtccaagtct tatggtgcaa 360
 acttttcttg gaacaaaaga acaagagtgt ctacaaaata ggttggagct ggctacatct 420
 ctgcttgact gtgactgaag tgtcagctgt gcactattta tagtccatgg ataatgcacc 480
 tcttaatctc ctaataaatg tgacctttaa actacaaaaa aaaaa 525

<210> 272
 <211> 278
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(278)
 <223> n = A,T,C or G

<400> 272
 aagacagcag acccttgaag gacatgtcat tgcaccttta cgctctgnga tgaccngnca 60
 tactntccct tgccctgntt ttcgagtcgn tggaaaccna gnnaganaan tctatncngg 120
 agnaagagga taatgcanc ccaagggtgt agtgctatnn atagattnta catcatanng 180
 aaatatacta ctgcatagct acgacgttac ctanagcata cccatgacca ttaacacctg 240
 ttnatgngga cactccagng ntattatcaa ctgccatt 278

<210> 273
 <211> 297

<212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 273							
gaactgaggc	cctttgattg	aatttaaaca	gtctnctaga	ttgattctgc	ctcccaacaa		60
gaacaaactg	aggaagtgat	gagccacgta	gccgntnacc	cttanagtnt	tagatngcn		120
gatcccttca	tgtatacttt	acagaaaacc	agttaacccg	ggccgtggng	ggcncncnc		180
nttttgnccc	accnnntgg	aggcaaaggc	aagccggntt	ntttcaaagg	ggggggcccc		240
ctggttccac	aaagggggtt	cccaggaaac	cccccggnn	tttaaaaaaa	aaccctt		297

<210> 274
 <211> 139
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(139)
 <223> n = A,T,C or G

<400> 274							
acaacttaat	cacatgtncg	cccgcncctc	accaaacctg	nattgatttt	nangntggag		60
caagaggaag	agccttgntg	tggagnngag	aganntgctg	aggagaccct	gnccagctcn		120
tgettactga	cctgcttga						139

<210> 275
 <211> 385
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 275							
actgaggtgg	gagagcacac	ctgtacacct	gggcacctgg	gctcctggac	acctggacac		60
ctggacacct	ggacacctgg	acacctggac	acctggacac	ctatacaaac	tccatacata		120
cacatatacc	acagacagat	gtgcaaaggg	ttatgcacag	tgacctgggt	agttttaact		180
gtcaacttga	cacagcctag	agtcaactgg	agagttgcct	agctttnnca	gagngactca		240
cngatgtctg	gctngntatt	caagtctcat	gacacattaa	ggagctttca	aacagctgta		300
gncgtgnacc	taangaantg	gtgggnaatg	ctgannagct	gaagtaattg	aatcagagta		360
nnnatattta	tcccttggag	actcc					385

<210> 276
 <211> 288
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(288)
 <223> n = A,T,C or G

<400> 276							
acaatggatc	acgttagaca	acatgaatga	ncaaaaaaatg	aatgaacaaa	tgaagaaaac		60
ggcaaaagaca	agtggccaga	aagggccggg	cggaagagcc	ctcgacagac	tgaccctaaa		120
gcaagacgag	gcaaggccag	tccagaatac	cagagtggaa	gctccccgtg	tancatacac		180

catgcgggat	gaaagtgaga	ttagccccga	gactgaggaa	gatggnttcc	ctgacggata	240
cctagagtgc	atcatacgag	ttaaattgtga	atagttacaa	aaaaaaaa		288

<210> 277
 <211> 180
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(180)
 <223> n = A,T,C or G

<400> 277						
gctgggacca	gtgccaggca	tgccttcaac	tccagcccag	acctggcaga	ccacattcgc	60
tccatacatg	tcgatgggtca	gcgtggagg	ggttggtttg	ccattctttt	tcactctttg	120
nttggttgtt	tgattgnatt	atttataatt	gcaaatagga	ttttttttct	tcattgagaaa	180

<210> 278
 <211> 277
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 278						
ggcaaaggcc	aagccgaggc	aggagtggac	ttcactcacc	cacaggcaca	gccaggcatg	60
atgatctgga	tgcccngtga	agangtgcac	gctcttnggt	ctttanctgg	tgggggaagc	120
cagggtcagc	gnttgccctt	nttctnacac	cccttncccc	accctagntt	gacacgncac	180
caaagcttaa	taccctnctt	tacananggc	acatnccggg	gtngtacttt	gggtngcntt	240
gaacaggagc	caanatnngg	ntcaaaaaag	cttggat			277

<210> 279
 <211> 483
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(483)
 <223> n = A,T,C or G

<400> 279						
ggagagacat	gtggacacgt	agcccctatg	gcttctgcct	gccagatcct	ccgctggggc	60
cttgccctgg	ggctgggcct	cacattcaag	gtcacgcacg	ccttcagatc	tcaagatgag	120
ctcctgtcca	gtttggagag	ctatgagatt	gccttnccaa	ctngagtgga	ccacaacggg	180
gcaatgctgg	ccttctctcc	acctgccttc	cggaggcagn	gtcggngtgc	aggggctaca	240
actgagtcct	gnttattcta	caagggtggc	gcacccaagc	actcacttcc	tgctgaacct	300
gaccccgcan	ccccccgtct	cctggcaggg	cacgtctcgg	gaggaatact	gggacacggg	360
aaggcctggc	ttggcagaag	gctgcccggg	cccactgnct	atacgtggc	caccttgacg	420
ggccaggctg	ggaagctccc	atgtggccgn	cnagcancct	gtggggggcc	tggtgagctg	480
aag						483

<210> 280
 <211> 241
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(241)
 <223> n = A,T,C or G

<400> 280
 tgcccaccag taatggaact caccnaagna tacagnnngt cctctcttgn tcatggccan 60
 gnngcaagan ccaaggncaa gcctgcatgn canatgccgg tgttgcnnaa accnancngt 120
 gcctngagga ntgtcctacg ngcatnangc tgagagcaaa gagaaccgaa agggactggc 180
 catgcacccc ggggtcgtca aaacaattan gagagggcga taaatccttg aaaaaaaaaa 240
 a 241

<210> 281
 <211> 425
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(425)
 <223> n = A,T,C or G

<400> 281
 tgagagagca ttaactatgc cccccagctc ctcgggggcca ccctggaggg gagactcaca 60
 caatctacct tcacgctgga gcaacccctg ggccaattca agaacgtcaa cctctctgac 120
 ccagatccca tctggctggt ggtggctcac agtaacgagt gaaattcctg gcgatgagtg 180
 ccgaggggacc cgtggctgag acactgtggt ccgaggagat ctacctgcag caagcccaga 240
 cattccgaga agctccaggg tcccagggna agggcactgn ggncatnatt gccttcttgt 300
 caatcctact gggcattctg cttgnggncn ttctcgtact ggtcatattc cgcttgcatg 360
 annaacttnn nggnttcagn ccacaaggan caaggggggg atgctgcact attatccgcc 420
 ccaca 425

<210> 282
 <211> 267
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(267)
 <223> n = A,T,C or G

<400> 282
 actgagatgc cttattggag gaattggaac gctgcacctt tcaggacagt gaggnatatt 60
 caaatccagt ttcttgtcan nggntnnngn aatccacaga ggagagcaag attccccaaa 120
 ctccaaagac cttgtcatcg cagggttaaca caagtccctt gaaggtncaca tttgaactat 180
 tgtagtgtnag nagacaatca agnnggacaa catttctaaa aattgnattc cacataggnn 240
 tatatttttgn aaattataaa aaaaaaa 267

<210> 283
 <211> 328
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(328)
 <223> n = A,T,C or G

<400> 283
 tgacagtaag gaacccgaga ctccatagaa nagcccaccg caggctntan atcctgcagt 60
 cagaggaaga aggtgggact gagtccccctg gaactgagtc gctcanagtg gggccttcag 120
 tanggnctcc tatagtcagg agaggggcct gannatggtc cagncagcac antanntgan 180
 gctgccactt taccctggng aactgacccc catcctagcg ccccacttcc ggatcccccg 240
 ggctggcgag atattgaacc agancccta aagtcagagg cacctactaa ggtcggagggn 300

agccattcaa agtaggatgc caaccctg

328

<210> 284
<211> 274
<212> DNA
<213> Mus musculus

<400> 284
tgaagccctg acaagcatgg aacttacctt ggatatggag ctggtatatc tcaaggagaa 60
cttgccatga ccttcctgcc tctgccttct gagtacacaa atgacgatgg tctcgcttca 120
cgacacccag tcagctttct ctgccagaag cattcggacc aggaggagtg ggttattttc 180
ccaggagatg ttgcattcct gattgaacat gctggccttg agataagggc ggccccgaga 240
taacagtttt taaaaaattc ataaaaagga tgga 274

<210> 285
<211> 297
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 285
cagcgggtcaa gatgtcgten cntcatccgc acagganctt nccggacnng acgggactac 60
acatgccgtc cacctgggtct cctgtccgctc gttcacanat acnttcccca cngangagca 120
cacacngtag acngcnggac ngcntgtggt canntgtctc gtcggcgctcc cnacggaacg 180
ggattggaag gacggactcc acaaggtgcg ctgtgtcacc gaggccgcca ggatggagnc 240
actctnacga ttctcaacag gggctagacc gcggtacaga aattgtcctc ctcaata 297

<210> 286
<211> 449
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(449)
<223> n = A,T,C or G

<400> 286
tgaggcaggt gcagtgaagg actatattaa gatgctgctt cagaacgact cccttaaatt 60
tctggctctt gcgcaccatt taagtatgct ccaggcctgc acagaagcag tcatcgaaag 120
caagtctcgt tacatcagga tagatggaag ngttccatct tcagaaagaa ttcactctgg 180
taatcaattt cagaaggacc ccgatactcg tgtggctatc ctgagcattc aggctgctgg 240
ccagggttta acgtttactg ctgcgagtca cgttgtcttt gctgagttgt actgggaccc 300
tggaacatc aaacaagcag aagaccgagc tcaccgaatc ggacagngca gttctgngaa 360
tattcactac cttattgcaa atggnactct ggacagccta atgngggcaa tgctgaatcg 420
aaaggctcag gncacaggga gcacactga 449

<210> 287
<211> 337
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 287
ggaccacatg gcactctgtg ttccaagtga ggagatgtgt ttatcccaag tgtttctcca 60

ggtggaggct	gcgtattgct	gtgtagctga	gctgggagag	cttggcttgg	ttcagttcaa	120
agatctaaat	gcaaattgtga	acagcttcca	gaggaagttt	gtgaatgaag	tccgaagggtg	180
tgagtcactg	gagagaatcc	tgcgttttct	ggaagatgag	atgcngaacg	agattttaat	240
ccaagtgcct	gagaaggatg	ctgaagaccc	ctctccctcg	ggaaatggat	caccctggag	300
acgactctag	agaagtttgc	aaggagagcc	tgcagga			337

<210> 288
 <211> 180
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(180)
 <223> n = A,T,C or G

<400> 288						
ccccagactg	aaggactgtg	agcnngagag	ccacatcatc	tggacactcc	agggctacat	60
agcggccctc	tanancgcag	gaagctctca	ngagttcaaa	gacaggctgt	gctacntngg	120
aggatctgag	atgactgggc	ttcttgagac	tttggtctta	aaataaatta	gtagttactt	180

<210> 289
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 289						
tacagtgtgg	gccaaacact	aatatgcata	aatngangtn	nattatgngg	ntggctctggg	60
catcaggttt	ancnttcac	aggagcccca	ggctcnacct	aaccactncc	ttataccttc	120
cctcttccag	gaaataaact	tcatttctta	atgtcaaaaa	aaaaaa		166

<210> 290
 <211> 162
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(162)
 <223> n = A,T,C or G

<400> 290						
gaagtaccgt	gtagctgaag	atgaccttga	acttotaatc	ctggctctgc	tccccatttc	60
tgggattata	ggcttgggcc	actacattcc	attaagagag	naggggattg	aacctactac	120
tnnagannnn	ctnnaanntt	ctttgaagac	aggggctctc	tg		162

<210> 291
 <211> 196
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(196)
 <223> n = A,T,C or G

<400> 291						
tctgggtgta	ttttatataa	ccaaacatgt	catggctcctt	cacagcatatc	aaatagtttt	60

gacgttttaa	ataaaagtat	ccagcaaaga	caaaggactc	ncannncnct	acgctggtgc	120
nngantctcc	acctggtca	aagtgaccac	gcctgnctnt	ttnatcgngn	gtgctctgca	180
cttcttcccc	accccc					196

<210> 292
 <211> 131
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(131)
 <223> n = A,T,C or G

<400> 292						
tatacccacg	tgagtacctg	aagnggaagg	aagntaagcn	cnctngccct	gagcnagatg	60
ntngaganta	tgaccnacia	ccgnaacgtg	atcactggag	cccatttacc	cctgnggcca	120
gtccacatgg	t					131

<210> 293
 <211> 367
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(367)
 <223> n = A,T,C or G

<400> 293						
agagctcccc	cgccagaaga	catgaanaan	catancgact	cggttaaggg	aaagcgccga	60
gatgatgggc	tttctgctgc	cgcccgcgaag	canagggact	cggagatcat	gcagcagaan	120
cagaaaaaag	caaacnagaa	gaaggaggaa	cccaagtagc	cttgtggctt	cgtgtccaac	180
cctcttgccc	tccggctgtg	tgccctgnagc	cagtcccacc	atgctcgagt	ttcttctgt	240
agtgtcaca	ggtcccagca	ccgatggcat	tccctttgcc	ctgagtctgc	agcgggttcc	300
ttttgtgctt	ccttcccctc	aggtagcctc	tctccctctg	ggccactcct	ggggggtgag	360
gggggtt						367

<210> 294
 <211> 422
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(422)
 <223> n = A,T,C or G

<400> 294						
gactgagaac	agatacaact	tectggttcc	cctcctgtaa	aatcgtggct	gttgaatggc	60
ttagagttcc	gaagatgtgc	gagcacacga	taccaccca	ggccaccagt	tctgttccta	120
ggagtgtgga	tggtacctaa	tcctttcaca	gccttctggc	tgacattttc	tacacagtga	180
atgggagttg	cttttttttt	ccatgctgct	ttttctacgt	ctgagtttct	tggaactttt	240
ccagctgcac	acaaaaacag	cttccttggt	tgtctanacc	gtcggtaatt	gactcaagcc	300
gtcccccttg	gaagccatgc	accggacttt	ccttgcatg	cgtataanag	tgcttgcgta	360
gattcctaga	agtggatgaa	ccagccaagc	agctatgtnc	ctggngcgat	gttgatagct	420
gt						422

<210> 295
 <211> 105
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(105)
 <223> n = A,T,C or G

<400> 295
 atttttcctga aagtaatatc ntcncagaga agcttccctg gnacctgang tacacctncc 60
 tgcatgannt ccccagnacc agcagttata accaggacta tactg 105

<210> 296
 <211> 178
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

<400> 296
 cctgggacat gtttttctgga agagcnatcn aacgantgga acaaagaatg atnaccgtnt 60
 gctgcaggct gtggaaaacg nagangcatg anaangngac ctccactgctg nacaanaaag 120
 ggtccagccg ccacgaagca tgacaccgag ggcattnnacc agcgtaggag agaatttt 178

<210> 297
 <211> 114
 <212> DNA
 <213> Mus musculus

<400> 297
 actgagaggc agatctgaca aattctggca gttctccctc tgaggatgat gccctgcctt 60
 caggttctcc ctggagaaag aagctcagaa agaagtgtga gaaagaagaa aaaa 114

<210> 298
 <211> 274
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

<400> 298
 cgtgggaagg tttcccagcc gagnccaggg acctgcaagc ctgtctactt gctcctggag 60
 ctggaggaca aggaacagca ccagggtgtc cagcccgtgg acggncaggg aagtctcgtg 120
 agcagcctgg ccgttggtgc cctctattgt ganggaggag agcancgagg aggttnttgc 180
 catagctgct acttggtgcta aagaactcgg acatgancct gtccctgctg atcttgggag 240
 aagtgcgcac cccagagccc ccagaatctc tcaa 274

<210> 299
 <211> 244
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(244)
 <223> n = A,T,C or G

<400> 299
 gatccagagg atgataaaga aatgatagca gctccagana taccaactga ttttaactta 60
 ctgcaggagt cagagacaca cttttcttct gacacagatt ttgaanacat ntgaaggana 120

aaatcanata ncaaggcaca ggcaaaactt tnttttttaa ggcngggggg ggtccagcag	180
aaaagggtna aagaggaaat ggtaggagga aaacctcctt ctnggctcac acccgaatga	240
acgg	244

<210> 300
 <211> 130
 <212> DNA
 <213> Mus musculus

<400> 300	
agaggcaaag aatgttgctc ctacaaagga acttcctga cagaagtcca cagaggacag	60
atggatgggg atgatttcca cactagtacc taactttaaa taaaaccaag cctgcagccg	120
tgtaataata	130

<210> 301
 <211> 122
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(122)
 <223> n = A,T,C or G

<400> 301	
cataactaaca gaggtctgggg gggattntgt cttggntntc attangacca nngcgnccct	60
attgatctnt tcatggngga aattgtggag atgaggcaca agtcngaaac ggacacacag	120
gc	122

<210> 302
 <211> 131
 <212> DNA
 <213> Mus musculus

<400> 302	
gtgtcgtcaa caggaaagtg ttgtctcaga agaggagcta agatgggaag tatgggctag	60
gacgggaagt gcagggtctac tacaggacca ggtgaaaaat aaagtcactg aaacaattca	120
aagaaaaaaa a	131

<210> 303
 <211> 164
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(164)
 <223> n = A,T,C or G

<400> 303	
gatgtaccct gctaccacca gggccttgct tcccgtgtag ttgccaaaag aaaaatttnc	60
gctgccccat cctccttgct gagaagnctt cctcctttgc tngggcattt ccgctgcccc	120
attgctcctg ttgaaaagga cttncctttt tgcttgggca tttt	164

<210> 304
 <211> 536
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(536)
 <223> n = A,T,C or G

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<400> 304
gaactgaggt tcttcaggag atgtagctga aacggttggt gaccaatcag tctgtgtga      60
gntctgatnt atanggncca tgtgcagcnn ctacaggncn cgggnaacac ntantgacac      120
tganccttnc agcacgngng agaggncctgc nctcntatn ccnancctc      180
nttccaagag cgcacctnac aatcctgcna ccagtccttc ngtggcanng tctganagca      240
tgcacaggtc aatgacttct tgcagacaca ggaaatccac gcactcaant ccagctngag      300
atgttntctg gagctnttca nagtcggnac tgcaacacaa aggagcangc aggcttntct      360
cagactncta tntaggattt gcccaggaag taagcatcng tcagactctg nacatttcctg      420
ntagangtnc catgtacttg gcagcattcg agtnttctta cgttnaaaga gaaattcttt      480
aanaagaatt tccagaagct gggcgtggng gacacgcctt taatcccage actcgg      536

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<210> 305
<211> 324
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

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<400> 305
actgagtgc accagggcaa agggcataan ctctttnct gctgncttcc tgatacacia      60
agcatcacia acctctcgan ttacctctgc caccgcgcaa ctccacgagc cctcttctg      120
tcccctgaat gccatgcttg ccagcaaccc ctgggttcaca tcngngactt aagggatccg      180
atgaagatat gtggaccagg atgctctgtc tttgagcagc ctactctaata ttcttttttg      240
atgctccctt ttagttcctc gaactaagct gcttctttgc taagtacaca tctgctaaat      300
aaacttcagc ttaaaaaagaa aaaa      324

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<210> 306
<211> 164
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

```

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<400> 306
gccacctggc ttctctttct agaggaccna ggttctatnc ccagtnntga cattggaagn      60
tcanangagn agtgnntctn cgtncataat ctgaagtntc ctctgacctc tttgggnact      120
gcacacacat ggncaaaaaca cctagatgca taaaataaaa ataa      164

```

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<210> 307
<211> 481
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(481)
<223> n = A,T,C or G

```

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<400> 307
tgagaattta agaagctttt attcatgtgc atgtcataga agatgaattc atcctcttct      60
actatgaatg aagaacctga tgctctatca gtagttaacc agctacggga tttagcagca      120
gatccactaa atagaagagc catcgtccag gatcagggat gtttgacctg ccttatttta      180
tttatggacc atccaaaccc tctgtcgnct cactcagctt tgcttgcgct acgctacttg      240
gctgaatgcc gtgcgaatag agaaaagatg aaggagagac tggggatgat gctgagcttg      300
cagaatgtca tccagaagac tacaactcca ggagaaacaa aacttctggc ctgagaaatc      360
tatgacatcc ttcaatcctc caatttggct gatggtgata gttttaatga aatgaatttc      420
gcgtagaagg aaagctcagt ttttttttg gaaactacaa caaacggggc aaaacagtag      480

```

t

481

<210> 308
 <211> 356
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(356)
 <223> n = A,T,C or G

<400> 308
 tcttgtggaa ctcttaaagg ctctgtcagn anagcatggc ntggtnccnt atngganttc 60
 tttacnatgt cngtgcctg ttgatccacc tgaaggagta tggccaccag gttcctgaaa 120
 gggggaaaga tgaaatggtt caatctacct gaggggttaa acgtcacttc ttgatggaac 180
 agaggataca acaccagggn nnnatgtncn ctncctgnan agtttctgac tncntggacn 240
 gcgacgctgg nntgacncac atagagatgt tncctgctcng nttnacgncc ttgactgnct 300
 aacncccggc tggaattata ttatcacaan gaggnacctc tacctcaaag actata 356

<210> 309
 <211> 188
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(188)
 <223> n = A,T,C or G

<400> 309
 acttgaacat acccaagatc tctttctact cattgcaact tctgaatcga tcttctggtc 60
 taagaaaaag gatcaagatt ctgtgatnng aggagctgaa naacgttata annctacatg 120
 tgnctgtggt tttctgtttt cttgnaaggt acaattaatt tcttctcttg tttttctatt 180
 ataaacca 188

<210> 310
 <211> 266
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(266)
 <223> n = A,T,C or G

<400> 310
 caaagcatgg gtttgccaga tgtgcaccac aaaggctgtg gagggggttg aagcatgagg 60
 ttggcatgat agcgacctga cagtgggaac ctancatgct gaatggagac ngtttcagga 120
 gctccaggcc ananagacnc cacnagatga aataggtcng gncctttacc ntcagtgcac 180
 gntnagnacg gcacaancgc nggagcgagc cggctctatt ttttagatac ttnccttcaat 240
 agagaccctt gccttaaaaa aaaaaa 266

<210> 311
 <211> 179
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

<400> 311
 gtgggttggtg acactcaaga agcctaccag agagngcctg ggtatgaacc ttgatgggtat 60
 caaagagcct gggtcnggtg gtananagcg gctgnncnaa gngaggtcgn agcatctcca 120
 agnnactatt ggaggncaact gtaccacact ggctttgaac aaacggctgc cgggggaag 179

<210> 312
 <211> 129
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(129)
 <223> n = A,T,C or G

<400> 312
 ttaacctgat gatggangag atgatcttna ccttgctgac acacaccngt ancttnantg 60
 acctgnagga ctgtgaccaa ntccacgtgn atgatgtctc atccngatga caatgggtcag 120
 gatttaagc 129

<210> 313
 <211> 263
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(263)
 <223> n = A,T,C or G

<400> 313
 tctctatctc cgccgtgggtg atgtcctatc tgcagaatcc tcagcccatg acggcctccc 60
 tgggtgatgcc acctaggagg gttggatcct ggactcagge ccaccttctc tctggcctag 120
 cctttggctg cctccgccct cctcagctg ctgtcctaata ctttctctgag tgtgggtctct 180
 gggctcccan ctgaatggaa ggaagntggc cctttctttg gggccctgct tctgctttga 240
 caaagagata aacctgcaga ctt 263

<210> 314
 <211> 436
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(436)
 <223> n = A,T,C or G

<400> 314
 catgtgatga gccagaagct atcnncatga ggaagatagg cctatcatca tggaaggagc 60
 caaccagcca gagacggaga gcagaagcca gtaggggctg agcatgaaga ttcagttcct 120
 ggacactaag actgttggtta tatccagctc agacctgcga gccacaggcc tggcctccag 180
 tattatgatg gagtacttgg gccttacctg gnccagccct tggttctggg ttctgcagac 240
 tgctgtttga cctctggctt tgagacatgc ccaaagaagg gctggctgtt cttcatggcg 300
 tgctaagcca gtgcctcaga actcaggagg ccagcctggg gtccanaaga tgaccacctt 360
 accttaggac agccacttgg actcagcttg tggagggggg tcttgctggg ctggagtnct 420
 gtgcctgggg ggggtct 436

<210> 315
 <211> 196
 <212> DNA
 <213> Mus musculus

<220>


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<221> misc_feature
<222> (1)...(196)
<223> n = A,T,C or G

<400> 315
aagacaagag gagagatgga gaagtgccat gactcagggg agaaggatgg gacgtaggag      60
cttcaggagg gaaagccaac cagccatgtg agaattcgga tagctcctgc aagggcacac      120
tgtgcagtgc atctggctga gaaccaaagc gatgtanccc aaattaccag tacaagcttc      180
tgagatcctg gaaaaa                                196

<210> 316
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 316
ctgtgaaagt gatgacnatg acagaacgtg ncacgcnagc tctagtgact ggactccgcg      60
gccgcggata ggtccatata cttttgttca gcaacatctc atgattggca ccgatcctcg      120
aacaattctt aaagatttat taccagaaac aattcctcca cctgagctgg atgatatgac      180
gctgggggag attgttatta atatcctttc agaaccacca aagcggaaaa aaaaaaa      237

<210> 317
<211> 142
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(142)
<223> n = A,T,C or G

<400> 317
atacatgaga aaacanggae gagaaaagag atgcactaac ctttgaatat accaacatat      60
tggcagagat caaaggaagt taacagtgtg tacccaaaga accatgccgt tttaatgaac      120
aanactgcct atgaataaaa aa                                142

<210> 318
<211> 104
<212> DNA
<213> Mus musculus

<400> 318
tgaggctttg tcaccctctg cagacctcat ccgccagcga gagatgaaat ggggtggaaat      60
gaattattca attaaaaagt ttacttttaga ccacaaaaaa aaaa                                104

<210> 319
<211> 125
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 319
agttgtgggc acgtgcctct tccagtttga cagcaagtgt cttttacctt ctcagccacc      60
tgagaacca gaagagttgg ttttcaaagc tgagctctga ctaataatna aactagaaac      120

```

aacaa

125

<210> 320
<211> 231
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(231)
<223> n = A,T,C or G

<400> 320
gtactctgag ccctgatcan naaagagctt tctgaaagac ctatagngca tggctgcgng 60
gtgtncacag ggtttccctg tgtattctat nccttggana ntggagantg acnctcactg 120
cctgtggacg gatcatgtnc tnggggcnc tctgaggacta nnagnanccn tcactttgct 180
ngnctgccac nggaattcag ngttgtggca natggagatc ccttggggcc c 231

<210> 321
<211> 266
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(266)
<223> n = A,T,C or G

<400> 321
gactgagttc cggactccgg ggttctgatg ggctgctctg aactccgtnt gaccaggctc 60
acacatcana gatatgcagg canaaggatg tatagangga ggaggaggag gaagaggagg 120
aaatgnntng tctgnaccnc ttatctctcan tatectatct cngccnttcc tatttntnct 180
acntagtant ncttctnt tgcctctgtg tncctgcgctc ttcattcttg ctttccctgng 240
ctgntatggt gctcactctg agaaca 266

<210> 322
<211> 122
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 322
cttctcaagc tctagatgac tcatctancn ngacacatgc nggcctcatt cgggtaagaa 60
gccatttnaa tgtcgatcnn gtgcanttat gtggcctcta atnancgtga ggtgacccag 120
ac 122

<210> 323
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 323
tcgcaggatga agccttctg aacgcgtaca cagcaggncg tgagggcngt gcatncangn 60
taccacactc tncggncntn angnccctcat agggctcaga caaggctcct gcananaaca 120

caggccangc cncctgnat ctggctgccc tttcactngt tgnatgcgga agccggctgc 180
cncantcctt ctcccacagt acagnagnac tcnngccac agtcacggtt tcgggcgc 238

<210> 324
<211> 110
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(110)
<223> n = A,T,C or G

<400> 324
gtcaatgcgt gttcctgaac aagaagatgt ccactgtccc ncaggaaagc caggatgggc 60
aagaggaaga agtcactgtt gaagatgttg gacagagaga gtcagacgat 110

<210> 325
<211> 181
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(181)
<223> n = A,T,C or G

<400> 325
ccgagggtgt tcgtgttgat ttacagttat ggagatttga ctgaccatat ngagaccna 60
aaatgggaaa atattgttta gaatgaacat ggaactgttc atggaacaaa aatgaaagat 120
gtcaataccc gngaaaagga taaacatgta gtaaagngag gatatcatga aaaaaataaa 180
a 181

<210> 326
<211> 174
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(174)
<223> n = A,T,C or G

<400> 326
tgctctatag aacctttcta aacagggtcca ctaccccctt ctgcatccct tcttgtatcc 60
tttctctcct actacctctg gtgagtagta gggctaaaag gaaagttaaa gcttttaaga 120
accatcaggg gngngctttc atgaggaaaa tacctaatat taaaacagaa aaaa 174

<210> 327
<211> 179
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

<400> 327
acctggcctc atacaaaccc tgnagatggg ttnttnaccc gagangtttg tngatttcan 60
ccaatgatgn tcatggggaa atgaacatan acagacctna tnttctaaca gaagcccagt 120
gnancacacc cttgatagn gtnctgaacat gactgcagat ggttctgata aaaaaaaaaa 179

<210> 328
 <211> 343
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(343)
 <223> n = A,T,C or G

<400> 328
 gactgagagc cgcacatcggt gtcttgtgga agagtcggtc acggtcacat ctgggagcag 60
 cactgtcgtt cctgtctcgn atgtgctcct gtgtcacatg tcacctgtca tcttcagaac 120
 ctggaagtta tgacttcgag aagccaaggc ctgctcagnc cacatggan ccctaaagan 180
 agcgananaa ctgactgcac tgnacngngn ngggcttgcc cgaggatgcn ctagctttca 240
 ttcgncgctg anaccgcgn agttgnatta gcttctngca aagctcaaga actgtacacc 300
 accaccctag ngcatgcang aggccttgc tatatgcaga ata 343

<210> 329
 <211> 107
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(107)
 <223> n = A,T,C or G

<400> 329
 agaattcttct cagggtccnt ctggactntt cggccnaagg atggactatg gnnnaagatg 60
 ccggaccctg atttcacagn cctgagacgt naaactcctg gtgggga 107

<210> 330
 <211> 255
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 330
 agaagtcctt tttacccaat actttangtc tgtctaccaa atcatcacag gtaagaatgt 60
 gtcataatga aagccactat tttgcataca taaagaagaa nccacaaggc agaactgnag 120
 nnangactct gtggctnaag gggcttgccc ctgagcctat gatctgagtt tagtccctgg 180
 gacttgaaca gtggnaaaga attgnttcta tcaagttgtc ctttgacctc tacacgtgca 240
 cagtggcaca tgcac 255

<210> 331
 <211> 459
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 331
 ctccacacag agactgaang ccaggctgcg gtggatggac cangatgctg nggnttgacc 60
 anactgctgc ggatggacca ngctgctgcg nntggaccag gctgctgcgg ttggaccagg 120
 ctgctgcggg tggaccaggc tgctgcgggt ggaccaggct gctgcgggtg ggccctcgtg 180

cagttgctgc	ggatggatct	gatgcctggt	aagcatcact	tctccagtgt	gagcccgcca	240
cctccatttc	cgtcacgtgt	gcccatcttt	ttcagttctaa	tgaactccaa	ccatcagcgc	300
aacttaagtt	cggtgtgtctg	ttcgtgcatg	cttaatatata	aaaatgtact	aacagtgtgg	360
ctgagaaatc	aaattatgca	cataaatatg	ctggcatagc	anaggcggcg	gcagaagctg	420
aacttagcag	agctgacgcc	agttcacatt	tgcaaatcg			459

<210> 332
 <211> 106
 <212> DNA
 <213> Mus musculus

<400> 332						
gaagtaccgt	gtagctgaag	atgaccttga	acttctaatc	ctggctctgc	tccccatttc	60
tgggattata	ggcttggggc	actacattcc	atttgtgagt	tgggga		106

<210> 333
 <211> 213
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(213)
 <223> n = A,T,C or G

<400> 333						
aaagcgtcgt	ctaaaagaac	caaataaaca	aatagaaaag	atgccagggt	agcctcagtg	60
gttaagccac	ctaacttcac	aatacccagt	atccacatgg	ttaaaagaga	agattgacat	120
ctgagagctg	tcctctggcc	tccatgggtga	tcagtgagng	gcacgtgagc	catctnccct	180
ctactngcnt	gtgagngtct	gcccttacac	taa			213

<210> 334
 <211> 464
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 334						
ggccatcccc	ctcaactata	aaaatatatg	aatcggaatt	gcattttccc	tggaacaaaac	60
cctgagcaga	aaccagaatg	ctacacttca	tccagaaagt	ttctggagca	tcttcaaaga	120
tgctgaagaa	ccctttttaca	gngagacttg	gagctggcag	aatagacata	ctttctctca	180
agacatgtct	actgnagaac	ttttcctctt	tgccctccaag	aacttggctt	tccccatcat	240
ttcaagtgtg	tatgaggaag	atacaatgct	atcatgtgtc	accatgcaac	tttaaaaagc	300
anaaggcagt	ccttcctcca	aagaaacnga	agcaccatca	cttacctact	cgatagccca	360
aagccagctt	tatatataac	tctggcgggg	ttaatccccct	ttactgctcc	cccactttctc	420
atggtataata	caaagtctta	tatccccgctc	ctagcttttca	ctca		464

<210> 335
 <211> 193
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(193)
 <223> n = A,T,C or G

<400> 335						
aaggcatctg	atacacanat	gctctcggtg	tggcggttatc	atcctcggca	ggaanagggc	60

nctccatgcc	ntgctcctnc	cactgattat	agatctctgc	gatggaatcc	tgaggaattt	120
tcacaaacac	ttcttttgca	ncttcatggt	tctttaatgc	tatgaaaaaa	attcantata	180
tataaacttc	tgg					193

<210> 336
 <211> 408
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(408)
 <223> n = A,T,C or G

<400> 336						
catggatggg	tagctgagat	aaaggaaaga	caaaggctgg	ggctgnngng	cttgttgccct	60
gacgccctgn	gagctgaact	ctgggactgc	tggtgcctat	cccaggaagt	gctgcttatt	120
tgagggtgnc	tggtggaat	gggtaatctc	cgaggatgtc	tgcagcctgc	ttgtttgtgag	180
ctgtgactgg	ggaaccccaa	ggcagaggca	ggggtcaggc	agctgagaag	cagcagaaga	240
acacacttag	attcaccttc	tgttctttaca	atagttcaaa	tatagaatcg	aagtgaatc	300
tcattggatt	atgcctctct	aatgaaaagc	gagctgtttg	actatacgga	aaatgtgctg	360
acattaattg	cttctgttta	ttaaagggtga	tttgcaaat	aaaaaaaa		408

<210> 337
 <211> 485
 <212> DNA
 <213> Mus musculus

<400> 337						
gagtccttgg	ctccatgccc	caaacgcac	ctggacgggt	aacctcagag	ctgtgaagtg	60
gatggacatg	gaagcgaagc	atggaggctg	ccatgggtcac	tacgtccatg	gcattttgtat	120
ctatggaaac	ggagacttgc	agtggctgat	taattcgcaa	agcctgtttg	ctaacaaatt	180
tgaactcaac	acataccctc	ttaccgtgga	atgcctggaa	ctgaggcttc	gagaaagaac	240
actcaaccag	agtgaatcg	ccatacagcc	gagctgggtat	ttctgacctg	cagcagctcc	300
ggcctaaatg	gaaattgaag	acgtaaagaa	gagcttttctt	ttccaagaga	ctctgggtctt	360
ggctatgctg	aagacttttt	taaaaaatgg	ttttcaggga	accgtgagga	tctggcaaca	420
tggctctgct	tgcaatatcc	actgagcact	gtaatacatt	tgacaggatg	gctgaaaaaa	480
aaaaa						485

<210> 338
 <211> 338
 <212> DNA
 <213> Mus musculus

<400> 338						
gaagagctca	gcacacagac	tcaaaagtac	aaggatgaaa	tgtcacagct	caactgcagg	60
gtccttcagc	tggaaggaga	gccttctggt	ctccatacac	agaaggaaga	gaaccacggt	120
gctatccagg	tggttaatgaa	gaagctggag	gaggcagggt	gccgggagga	gcagcagggt	180
gatcaaattc	aaaacctgaa	aattgaactt	gaacgtgtga	atgaggaatg	ccagtactta	240
agactgtcac	aggcagagct	gacagaaagc	cttgaagaaa	gtcgaagcca	gctctacagt	300
gtccagctga	ggctggaggc	agcacagtcc	cagcatgg			338

<210> 339
 <211> 370
 <212> DNA
 <213> Mus musculus

<400> 339						
tgagatcctt	ctccggggat	ttcgggtttg	gacgaaagcc	acagtgactg	ggcagtttca	60
gggatgagca	aagtcagcct	cgagcctggt	ccatcaaggc	accaagcccg	gcgacaccaa	120
cgctcaggag	gttttttagtg	ttcatggctg	ccttgtggat	ttgttctttt	acagtcattt	180
ctttattgag	aaagggcaca	caccaagggt	agaggccact	tgccagagct	gttcttctcc	240
tgccctgtag	gttccaggga	ttgaactcgg	gcgagcaggc	aagtgggatt	tacctccga	300

<211> 210
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(210)
 <223> n = A,T,C or G

<400> 344	
gcagttttgt tctttcaaaa taagaaccaa gaccagggc ttctgcagaa angaatacag	60
tctgactggt ctgtgcaatc ggtcgtcctg tcccctggca aatagtcagt atgctaccat	120
taaagaagag aaaggtacgg gagctacacg acaatttata aacggatgtc cccagcctct	180
gtaaataata ataataaagc tgtctaactt	210

<210> 345
 <211> 143
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(143)
 <223> n = A,T,C or G

<400> 345	
ggccaatcca cgtcttctca actcctcctc tgctctcaca tcacatccaa tccaactggc	60
aangngntn ctgctaccan ngcagaacag ncccatccca tcacccacc cactactaaa	120
gaaagnactt acagaaatac caa	143

<210> 346
 <211> 270
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 346	
gagaagcctg actcctagta gannctgagn cttctgcact atnntccaat ngtnacaaa	60
nntgntctnt ttgnngaaca naaagaaatc cgatccctct gngnagnna ttgggaanga	120
atncgattcc taaatgagan gctcgagggt gaggcacctg tttctgaact ctgcggttga	180
gchanganga cgaggaagt ccagcatggc ctcggggat gttggctaag ggacagagcc	240
caaagantnc ttcacagaga ccacatat	270

<210> 347
 <211> 467
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(467)
 <223> n = A,T,C or G

<400> 347	
tgagggtctc tcccanacct gaggaggagc anaaccccn tgggnagttt tgttgcttgc	60
tgatccactt ncggtctngg atgctgtgga caggctctgat gaagacaggt cccgtgtggg	120
ccgggaagac tcagagggtta gataggcgan aagcacgagc gattacctga aaaatgctgt	180
gtgcatcatt atcgccana nagtgctttg gcgtggngc ggatccatt gtgagtgtg	240
tcttctccgc tgatgcagtt ctcatggtct ttgtncactg ggacaccaa naaggcacc	300

tgacacagtct	ttcctggcag	caaattgtan	atctgtgcat	tgagganaaa	caaagggctg	360
gacctggagg	caagatgcag	aggctaacca	taaaacccgn	gaggcattct	tcgaagcctg	420
tacatgagga	cncttctctg	gaaacacaaa	ggcatttttaa	aagacat		467

<210> 348
 <211> 344
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(344)
 <223> n = A,T,C or G

<400> 348						
gcacgttttg	tgccctnccc	gcctncaaat	tgccctcagtt	acaaatcatt	agggcaggct	60
tggtgagcaa	gactggcaag	cacatttttaa	ggccccgtgc	tgtgggggtg	atccatctca	120
acttgagtca	taagaggcag	aagnggatgt	gagagaaaga	gacacacact	agagacagan	180
agccaaagag	ggcagagaga	cttgacttta	agagactcct	gnactgacaa	ctccatgcag	240
ttnggaacca	gaacaactgc	ggctgaacca	nggttcacatg	ggacatggca	aaacgctgac	300
actaacctct	tattcagaat	gtcccaacag	gccattcgcct	gtac		344

<210> 349
 <211> 158
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

<400> 349						
agaaccacca	attgcncgct	cttaaataat	agcnaacagn	gggntgttat	aaggtgcttt	60
ataatatcaa	atagagcctn	gagcaacaca	natcacaggg	ngctagggag	ggnagagccc	120
cactgctgna	catgcaaaac	acagatgtga	acccagaa			158

<210> 350
 <211> 370
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

<400> 350						
agaagtcttc	atcagaaatc	atggcactga	caggctgnng	ttcangttca	ggtgaagaga	60
atctcacagg	cagatggcag	ctactganga	gcgagttctg	tgataaccgc	agaagggcat	120
tcgccaacta	gaaagaacaa	acagggcagt	gtgagtgcc	cgacanagat	gagagccttg	180
gagggcagag	catcagagat	ggagacccat	cccacagggg	gcctctgtgt	ctgtgagcag	240
gatgccttgg	aaaggccaac	ttcccagcga	cacagacgca	aaggcaattc	cagcgaagaa	300
ttgctccctg	tttttaccct	aaaagtgatc	tgtcagctgc	cancctcatt	actttttcta	360
tttcctttca						370

<210> 351
 <211> 145
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(145)

<223> n = A,T,C or G

<400> 351

tggtcgctg	ctgccggctc	acgatcance	ancactagaa	nacccactcg	ctagcggagc	60
accgcccag	tcacgcacgc	ggacacgttc	tctatggagg	acccggtgcg	gaaggtcgcg	120
ggcggcggac	ggccggcggg	gaccg				145

<210> 352

<211> 329

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(329)

<223> n = A,T,C or G

<400> 352

tagcatcaga	atgttcctga	agaagaaagn	atttnccttg	nagnacacat	ggagcggatt	60
tacaagagag	gntnnctgct	tcgccattnt	aggtnanatt	ngcgactgcg	agatccngga	120
taaganatcn	cggaggncn	ctnctttaat	ctgatgagan	acctgnggca	caggaagctn	180
attgtgggcn	tggtaatttg	gggggagcnt	ttnagtacaa	acccaanccc	tttttaccct	240
tttnaaanag	tncctgggaa	caaacggggt	ccatnttttt	taaccccaaa	tttttaaact	300
tttgnttggg	acccaaaccc	ttaaaaaaa				329

<210> 353

<211> 129

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(129)

<223> n = A,T,C or G

<400> 353

cgtctactcc	atgcanganc	cactgcatan	aaggactgtc	ccaanctcag	aggaactctt	60
ccaagaaacc	tgtatngact	acttgaggcc	ttgaactgcc	tanagngtgg	gnctgccttt	120
gcttcctag						129

<210> 354

<211> 393

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(393)

<223> n = A,T,C or G

<400> 354

gctgtgcata	ccccgagtgg	ggctcctgtc	aggagaaaag	gccatcgctc	aagaagcngg	60
ctcagcggca	gctgctccat	gaggagcctg	aagggtgtcc	tgcagcagaa	ggaggagagg	120
acacggggagc	tcgagcccca	ggtgactctc	tgcagagcta	tggaggccag	gagccgcagc	180
cgtctgaggtg	ggtgtccaca	ggttaggggtg	ccaagaaggc	atgtcccggc	ttctctgggc	240
cttgggtatcc	ccacctggaa	gctggaaata	ggaaatgtga	gggagaaatt	aacatgtcaa	300
atgctcaata	caacgcgctc	ggggccctac	agatgggtgt	ggtggcttat	gcctatcatt	360
ttggctttca	agttcaaggt	caacttgggc	aat			393

<210> 355

<211> 194

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(194)

<223> n = A,T,C or G

<400> 355

gcatccccac	tcgtgttttt	aagtgtatnt	ttataagata	catgtattta	caattganct	60
tttgtttacat	aatgctgaaa	tgctactgga	gatngtgaaa	aatgtttcaa	ttttatctgg	120
tccttatacc	aaactaacat	ggtnattat	tatcacctta	gtgatacagg	anataatgag	180
ctaaaaaaaa	ataa					194

<210> 356

<211> 242

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(242)

<223> n = A,T,C or G

<400> 356

tggatgaaga	aattgaaaag	cgacccaaag	aaaaatttac	cagtaaatat	tgctggtaac	60
aatcgnttag	acttnnncnac	acagnnnctc	anggnngac	ttttgngctg	antttncaa	120
canttcttgg	accnacgcca	tgtatcaana	ggngnggntg	tgaggtataa	cctcatcggc	180
gatgtcggtg	ccttctatgc	tgcgaaacta	cttcagggtat	tacgttgctg	ccagcaagtg	240
tt						242

<210> 357

<211> 236

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(236)

<223> n = A,T,C or G

<400> 357

aggacacgcc	taaattgttg	gaagttgtat	gttcacaaag	gggattcggt	gactgtgtac	60
acgagtgggtg	gtaaccccat	cctatttgaa	ctggagaaaa	atttgtatcc	aacagggtatg	120
gtaaccagat	gaaatgcccc	gactgcagcc	ctggtgaaac	acgttattct	ctgttgatta	180
aggtgtgata	tttgtttttg	ttttccccc	taaacntacc	ttttcaaata	aaataa	236

<210> 358

<211> 143

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(143)

<223> n = A,T,C or G

<400> 358

actctgacca	gactctgang	gcatacacca	gtagaggatg	tngaaccaa	gaagagcacn	60
tacgttcagc	atctagttca	gaagatgata	agaagaagaa	aaggaaatct	agtcattcaa	120
aagacagagc	caagaaaaaa	aaa				143

<210> 359

<211> 129

<212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(129)
 <223> n = A,T,C or G

 <400> 359
 aaggaaagcc acagcattca ttacgacatg acanntgacn ctatgancaa gtgagcatgt 60
 atcngaaaag gagtctngac gaaagaggan tgaatttgac attaataaag cnatttattt 120
 ttaacaaaa 129

 <210> 360
 <211> 256
 <212> DNA
 <213> Mus musculus

 <400> 360
 tggctgttct ggaacgttgc tttgtgaacc aggctggcct cgaactcacc gagattaaag 60
 gtgtatgaca cctctgccta gctccattct ctactgttct ctacaatgcc cgctaagtca 120
 atgccacgga gaacaaaaagc tcgctcctcg ctcaccagat gccgggtgga aactacattt 180
 accacaagac tgtgaggctc tctagactct gagccaatca caaccagat gaaaagcttt 240
 ttctcaaaaa aaaaaa 256

 <210> 361
 <211> 143
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(143)
 <223> n = A,T,C or G

 <400> 361
 ttcttgagtg ttttaagtgg atcgagctgc cgctgctaac ctgtgaactg aactgccaat 60
 ttccagacaa cacaaacagg agttgctcca aagaaccttt ctaaacaggt ncncttgccn 120
 cgctgaatat cgtttctttt gca 143

 <210> 362
 <211> 110
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(110)
 <223> n = A,T,C or G

 <400> 362
 atagtgtgga agatctcagg gaaagngang gaacctgcaa gtgnggnata anagacctga 60
 ctctgannng ttgtcttctg accacatata cacaatattg taaataaatg 110

 <210> 363
 <211> 566
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(566)
 <223> n = A,T,C or G

```

<400> 363
gactgaggtg gggctcttct gattgatncc ngaanggaga cngacggang tgaggctcnc      60
acatgagngg aagctgncat tcccngagg tgctttcttt agtgagaggn agacagaaaa      120
tccttttcc tctatggaaac agnagagccn gaaggggcag gttcatcact caagccagga      180
aaacatctcc gnttcactga ccggcgccag gcctcacagn ttgggagaag cgacctacgg      240
nnnggaaata gcattgctct gcatgcttat ggggaactgtt agaaaggacn agaagngcag      300
aaccctgctg gagcccgatc cagccagctg ctgaattctc catccgcaag nctccatcct      360
cactcctctg aactggcgct gccagaggca ccttgggaat nccagcaggt tcctgttgca      420
aatggccctc accaccaact cattgnctct gcatgcacgg ntcctcccag gggctggcgt      480
taaactctga ctcacttaag gggntagann nggngnccta atccctttat tttgggnaag      540
gggccaagnt actaaacacc cttgac                                     566

```

```

<210> 364
<211> 450
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G

```

```

<400> 364
actgagggct tgagtcacan ggcctnttct tggggaccct ggnncgctat cattggnaac      60
nganaggnga ctntctntag ctnatganag gagcanaacc ctcggnctc tgctggagtc      120
ncactgnggc atntagctca gttttctgtt ncattntctc ccttantact gaanattcct      180
tctgcattca tggcaggggc accagccatc atagacactt gcctnggtat ccggnnttgc      240
tgnaggngcg aagngcttna gngacacatg tggctgttgc cnttctttct gcaccccanc      300
tcccaactgt tcccaccttc aaccctcttt cccattccaa cgctgctctg tcctatagct      360
tcacaaaaca nggagcgtgt ggggctgang tcaggactgt accttgggca ctattcetta      420
tacaaaatat taaatatatt ttttcctcag                                     450

```

```

<210> 365
<211> 119
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

```

```

<400> 365
ggagaatctt gaaactctcc catacataac acttcaagcc aaactggcag cactgaccca      60
atctctaaat taagcgcang ngaaatgaaa tcattaaaaa aatatatatt tcctgaaag      119

```

```

<210> 366
<211> 183
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(183)
<223> n = A,T,C or G

```

```

<400> 366
ctatgatgac ctgccangat tctcatatga gcatggggtc ancacctgca gatgacctgg      60
tccgagangg tgggaccgat agggaaacctg ttaaactcctt acactccgaa gatananctg      120
tannaaattt aanagnttng gctnngnntn nttntggaca gcttgccaga agtgggggtg      180
gtg                                     183

```

```

<210> 367

```

```

<211> 385
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 367
aaggaacatc aacagcagcc ctaccgagaa cgcanacaaa cttctcggct tngngtgtct      60
cctcagttgt tcagagcttg agttttgctc gaggatgatg agacaaggcn ctaagagggg      120
aaggaggagt gngctaaggt tcctgccact tncctcgnnc ttnagtccac angaagcatt      180
gtaagaaggg ctgaanaaca agctgtgctt ggnccctgaat actggngact tgaggattcc      240
atctgtttca ccaggcgtgt agggaggccg ttttagcaac atagcttcct tagcagtact      300
taaagacttt tctctgcatt ggtcatgtgc caagttacat tttgaacatt ggggcaggng      360
aaggaaggac agctttggca cctgg                                     385

<210> 368
<211> 160
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 368
tgctcttctt tggcaatcac agcatgttta tttatgaact ggcttgcttg gaacctgatt      60
ctgacatctg nggttttttg ctgaagaggt taattttttc ctttttgntn ggnttgcgaa      120
cctgggtttt ggggagggga gcacaaagga ataaaaaacac                               160

<210> 369
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 369
atcatctatc gaatgcggac tcaccaggtt ctcaacggng ctgcctgaga gagacccttg      60
aaggcgggat ggcgtgtgat aagggcagag gtcttgcccc tctcctgatt tcagaaagac      120
agcggggaga ctcagaaaaa aaaaaa                               145

<210> 370
<211> 205
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 370
cacgcgtgac atcactctgt caatcacccc aagtccactc aagggacaag aaactgtggc      60
acaccaccag aagttttttt gtttttgttt tttgctgnat ttctttctat tgagtcgccga      120
taaatacagc tcaactacac aatataagac agaccaatac atggtgtgtc ctttaataaaa      180
aaaatctttc accacaaaaa aaaaaa                               205

```

<210> 371
 <211> 375
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(375)
 <223> n = A,T,C or G

```
<400> 371
gtcctcctga acgttctggg acactccact ccatcacggc taaatagtcg cagggcgtgg      60
ccatatgagc anatacagc taacgtaacc agtacctgtt gtgaggaggc ntggattgga      120
taaactgcag gnggtagaag atccaatccc actctcccaa aatactgaac aaatttgntt      180
atttctgggg tgggagtgan acaggggtct tccccgtact cctggaactt aggaacttat      240
tatgtagact aggctagcct caaactcaca ggagtgtggt gatgtgccac catgcacagc      300
cccaaattcc ttacacgaa tcttgagcgt ttataaata caaagcggag atgctgcctg      360
ccacaaaaaa aaaaaa                                     375
```

<210> 372
 <211> 360
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(360)
 <223> n = A,T,C or G

```
<400> 372
ccgtgccaac aaggatgcct tggctgaatc acaagaacga gtgccctctg catcaagaaa      60
tatgggaaaag ngcccaaccg agaacatcag gctggccgcc cgcacatgtt ggagggtgga      120
gagagagggc actgggctca cagagggtct nctgggtgtc cgtggatgac ttacagaacc      180
ancgtggagc actttgggga ggaggagcag aaggaactcc gactagaccg nggacaccgt      240
tcttgacgta ctggccacca cagagccngc agttcagcat gcagtatatc tcacacatct      300
ttggngngat caactgcaac ggttttactt ctnanntgac cagagagggc tacaggcagt      360
```

<210> 373
 <211> 362
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

```
<400> 373
actgagattg acgggctaga ggaaaagctg tcccgggtgt ggaaggacct ggaggccgtg      60
acctcccagc ttacagggc agagctcagt cctgaggaca ggaggtctct ggagaaggag      120
aaacacaccc tcatgaacaa agcctccaag tatgagaaaag agctaaaagct gcttcgacat      180
gagaaccgga agaacacgct cctctcggtg gccatcttca ctgtcttcgc cctgctctat      240
gcttactgga ctatgtgagt cagccatctc cagccactan aangacgtgg taagtgtctc      300
cttctgctta gtaagagggg caataaagag cccangctc tgctgtctgg caaaaaaaaaa      360
aa                                     375
```

<210> 374
 <211> 390
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(390)
<223> n = A,T,C or G

<400> 374
gctcattcaa tcaggtgagn tactgnanaa tatctccagg ncaaagntnt tttcnacaat 60
cccccttngga aggtgtttcc tattagcaga tgactatgga tcnctggcag cctctggatg 120
cttcctcggg angtctcatg gcgggggcat attgattgtc tttcaattaa ttgcatntgg 180
tatttttcat ttatcaaaaag caaaatacnc gtnattaact ctgaagcaat acagtccagt 240
ggcaagagat ccctgctgct tgctgctgct gctgctgctn ctctggagat aagtcagcgg 300
gaaattattc ttacaaggaa actctaggat ggtaggactt ttggaccgta ttaattaaag 360
agaataaaaa ngaattaggg gaaaaaaaaa 390

<210> 375
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 375
cctgacagct cacccgaaan atccanactg accaanggaa tactaangtc cctcgtcttg 60
gtgatntnca gggcgtcaat aataaagaga gagcagcagt tgggggaaaa agaaaacaa 119

<210> 376
<211> 284
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

<400> 376
acctttcttc tttttnaata cactcacagt atcanaacac cacggtttca tttactaagc 60
tctangagac cattntgnct gtggaggcaa ggggcatttg gncctgacct angtgaacag 120
ttgccttaaa ggggaaaaga ttncacagcag ganggctcag ngtttaaggg gcacttgacg 180
ctcttgcaaa agncctgggt ttgggtcccca gcgccacat agcagtcaca actattccta 240
actccggngc cagagtctct gaaccctcct ctggcctcca cagg 284

<210> 377
<211> 255
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(255)
<223> n = A,T,C or G

<400> 377
cgtttttctt aaatattgan actggcttgn atcaagacac acagnatatt gttcacaagc 60
atgtaactat ccaaaagaag tcttataaat attatgagca tggcaaaatc atccaggaat 120
acacccaaag tgtactttac caagataact tcagggatag acatgttgag tcatcaaacg 180
taaacagaca tgaaactgga aacaccagag aaccttgcaa atataaaaaat tgtgtaaact 240
gtttaaaaaa aaaaa 255

<210> 378
<211> 110
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(110)

<223> n = A,T,C or G

<400> 378

aaatctggaa cctgggtgtcc tggccatgtg ctgaatgcac gcacagcaca gctctggnat	60
ctgttttaaa ttatccatta aaataagtac agtcctggaa aaaaataaaa	110

<210> 379

<211> 210

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(210)

<223> n = A,T,C or G

<400> 379

ctgcgtctgg gatctgcctc aacgccttgn gagtcacccat cnacannatc ggagaatggn	60
ccctccgctt cttcggctgt ntggtcactt nnatctttca gnggnattnc ntangctaata	120
caaattggacn ggaccancat tttacttggg cggacacccat agnacctacc tcttctnctg	180
nggtctatct aggggggttg ggtgggggga	210

<210> 380

<211> 112

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(112)

<223> n = A,T,C or G

<400> 380

acggggccatg atgaaatcat cccgangag catccangaa ggngaagctg agngagcgng	60
gggaggtgtc caccttcaca gaggaagnta tanatcgaac cttgtcaagg ta	112

<210> 381

<211> 108

<212> DNA

<213> Mus musculus

<400> 381

ccctctgctc tcagccctct gggattttgc ttgtttgctg tttttgttta gttcagatct	60
attttgtttg tggtttgga aactttcagac cgaacagaga aaaaaaaa	108

<210> 382

<211> 181

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(181)

<223> n = A,T,C or G

<400> 382

catgcataac gggcatccag atgangaatc cgtgaacntt tngactggag ttgatcncta	60
acccaatgga ctttncctgt gctgaccaan cctttcatca caagcattat atancggttg	120

<223> n = A,T,C or G

<400> 386

aggctggcac	ggctccgacg	tctgtgtgga	agctttctccc	tcccttctga	gcttctctag	60
actccttaca	gcgcacaggc	acagacacat	cacactgcaa	tccagggtat	gtctacatnc	120
gagctgcnc	gnatanactg	gangggcttt	ggangggatc	cnttgncaga	gcacncatgg	180
tgctggatta	aaatccanct	acaggtaaaa	aaaaaaa			217

<210> 387

<211> 284

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(284)

<223> n = A,T,C or G

<400> 387

acgcatggac	acgggnnggt	ctactacatc	accacacggg	cccagggttg	actccataca	60
ggacctagt	cnggcacata	catggaagt	aatgatggc	tgtgctacnt	gcttacggcc	120
ccttgtagca	ccactaaacc	cccagacaca	tagantntgg	ncaaggatgn	cgggggagat	180
nagacctgga	acttcttngc	acttngaact	gcaagcttgg	gcaccntntg	cttanggaga	240
tntanaactg	ggcacttngg	nactgcagca	caaaagagt	ggaa		284

<210> 388

<211> 774

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(774)

<223> n = A,T,C or G

<400> 388

ccccgcctgt	gtatcaccac	cancgtanca	catgcacgtg	tgcgacaggc	cttacnttat	60
ggctcntccg	accccaactc	ccggattgat	gtcccnggct	ccggacaanc	tgcaggccng	120
aaaccttcag	gaaactgaaa	ccnccccctg	ngggcagcct	cccggatnac	ttcctccnaa	180
tccttcccca	gcaaattggc	ancnttcagg	gtcaccctcg	gggtccnnc	cctatgagtg	240
gagagggagc	ccacctccgg	cncaggggcc	catggcctgt	tacnnaana	gnccctngaa	300
ncngtacctg	gaaaataaga	gaattgccct	cttcntgcan	aatgaggaat	tcangaaaga	360
gctgcagcna	aaccgggact	tcctcctcgc	ccngaaaana	aaccnattga	natgtgaatc	420
ccagaaatcc	aatcccctnt	gcggcggttg	ggaaatgacg	gtgggtttcc	ctcctctgtc	480
ccggaacctn	gantnecctn	naaaagnngn	gnangatncc	ttgtgccngg	acancctnta	540
tncntgggna	attctanctc	angatctntt	tgaantcncn	cancggtngt	aacaaaaccg	600
ttttnggaat	tgaaagaaan	aanttttccc	tgnntanttt	gatggggntt	gctgtnatnt	660
gaagncaggc	tcccggntna	antggnaang	gctagggtta	ctaaaaaaaa	attcgggtggg	720
ttngcnaaan	nggatgntgg	gttttgggtg	cnaaaaggcc	gaaaaaaaaa	gaaa	774

<210> 389

<211> 373

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(373)

<223> n = A,T,C or G

<400> 389

ctatTTTTTg	aagaccttcg	acctccatnc	tctggtcgca	tttctgtg	cttctggnaa	60
catcgggagt	ccaccagang	aggatggagg	cacggcgtgg	gacattcatc	atgggttgga	120

cacccgcaca	cngtgtgcca	tggtggcttc	acaatgggcg	ttncgngtct	gntgtgtgat	180
gcactcttag	agcaagctct	gtggctcaga	gggaangaga	cgggatcact	cagaccctcc	240
cactccatat	ggccagtgan	gcgtccagga	agacgcttcc	tgctagcgtc	atcataaagg	300
ggaacgcaaa	gctctcagtg	ctttgccctg	agccccactg	gatgtggtgt	gtatgcaaaa	360
ggaagcttaa	cct					373

<210> 390
 <211> 388
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(388)
 <223> n = A,T,C or G

<400> 390						
ctctacccac	ttgtacataa	tccagcatcc	agcagaggaa	agcagagtgt	tgcgcacagt	60
ccctctgcta	gcagcatgcc	ttccccaga	cagatgcaca	gtcaagattg	gccgccgctt	120
cagtgaagag	cgagatggtg	aacttgcaac	tgtttgccgg	gactntggta	cattaatatt	180
atatccaggg	gctgaagcta	ctaattngga	anaattnata	ttanattctc	cngtttatcc	240
ttccacaatc	atcctcattg	atggtacatg	gagccaggct	aaggacattt	tnataaaaa	300
ttccttggtc	cgacttccca	aacanataaa	tgccctgctc	agtctcatn	anaanaagct	360
tccttctgca	gcagatggaa	acatttac				388

<210> 391
 <211> 122
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(122)
 <223> n = A,T,C or G

<400> 391						
cctgatggac	aacatgctgc	ggatgccacc	ggngatgaga	gcaggtttgc	accgccagct	60
tnngttcggt	acggcctttg	tnnttgctgg	atacttttat	ttaaaacggc	aaaactattd	120
gt						122

<210> 392
 <211> 184
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(184)
 <223> n = A,T,C or G

<400> 392						
tcccagaaca	tggtgctgct	tatatacgnc	cnntgatang	cgtgnctcac	accngattg	60
ggtatnctct	acgcctcatt	tgcatgttcc	tcatntggng	ggctactctc	tgtacctcac	120
anagcctcat	tatcatacct	catttgcatg	tctcacatgn	ctattggggc	atacttttac	180
agct						184

<210> 393
 <211> 476
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(476)
 <223> n = A,T,C or G

<400> 393
 gcagccacca ggcattctgac cctgaggaaa aagggaagcc tggcagcatc aagaaggccg 60
 aggaggagga agaaattgac attgacctga cagcgccaga gacagagaag gccgcccttg 120
 caatccaggg caagtcccg cgattccaga agaggaaaaa ggattccagc tcctgaatgg 180
 ccaggcctcc ccttaaccct tctacttctt ctntgccctc cacagctctg actctcacgt 240
 atctcattcc ttcattccctc tagcctctcc ccaaggcaag cttaaccttt atatattctt 300
 gtctcaggct ctcttaagcc atcacagtag tagaggcaca aggatgcaa ggtgaagact 360
 ctagctggta gtcactaggc taagggtgga tcagtccatt taggagaaca aaagggtttg 420
 agatgggaaa ttctccctt tgccctaatgc taagggcagg agggggcaag ccctca 476

<210> 394
 <211> 184
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(184)
 <223> n = A,T,C or G

<400> 394
 ccttacagac tcaagactga tgagtaagga cagagtantn ntngcccggg aagaagaccc 60
 canactaccc tagaacagag atggcnnacc ttctcctgat cgttcctgng ttgtgccact 120
 gagggagaga ggggtgangac acacanagcc atcagggtan gcnggagacc ctgaggcccc 180
 tctg 184

<210> 395
 <211> 339
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(339)
 <223> n = A,T,C or G

<400> 395
 cctcattcct gacttcagtc tcacgtggga ccggcccttg gtgctgacag catggggggac 60
 tgnactgnag ctggcatgna tanagccanc ctggnttgcc cactggctga aganagcanc 120
 ggngggcgaa gcagananng agngngtggn ttctctctga caatcttttt gggcccactc 180
 ccacgatgcc agcctccaga agagggaagc tgtgtgggag acggtgtgta caggccccga 240
 ctctggcctt tgctctacga agctggcgac ctctggtgc acaggtgaca tctagaggat 300
 ccggggcggtc ctcgatcagt gntggaaaag aagggtct 339

<210> 396
 <211> 289
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 396
 ggagggatga ccaggcgtgc aaaagctgac gcgaggatct gaaaccagat gaccggggaa 60
 agggccngnc accaaaagtg acctcctttt ttaacccttt atgtcaaaat ataattggct 120
 aatgaagag tctaccctgt taccgncac tttttgttcc catcctataa aaatattgta 180
 gaaatattgg acagnctccc ttcaggaatt cggatcagag gggggagctg cccacctccc 240
 tcagcgctaa gaaaataaaa cttccatttt taagcttcaa aaaaaaaaaa 289

<210> 397
 <211> 264
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(264)
 <223> n = A,T,C or G

 <400> 397
 agactgaggt gttcttngtg nccgacctnt tcgagactaa nacgagcctc tcaactgccc 60
 cccctgcgat cagggaggga gatcctgtct cccgtggaca tcatcgacag gaacaatcac 120
 cataacatgg tgtagatgct gcggcctccg gagcgctttc tctgaagcga ctgcacgttc 180
 ctgctgctct ccgatctcat cagacagtag aatgtaggga aaagcttttg cccgatggat 240
 tttgaaaaca tttaaaaaaa aaaa 264

 <210> 398
 <211> 326
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(326)
 <223> n = A,T,C or G

 <400> 398
 aatactttta gacctactgg aacctcactg ttataggcta caccttggga aaaccatcat 60
 attgaaagac attgtcaaag ttcaagaaga aatgaaaggt ctatgaggaa caaaaagtca 120
 aactgtgaat gcattgtgga nggggggnat cttttactct tctattaata tatgnatcat 180
 gtgtcacaaat tgataaaagc catgttagca tagggatatt gaaagaagca atgtaccgct 240
 ttctatccca gaactgtgag aaaattgtca gattctatct ttggtagaca ttctgagtat 300
 gataaaaagtt tgcaatgaaa aaaaaa 326

 <210> 399
 <211> 216
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(216)
 <223> n = A,T,C or G

 <400> 399
 tgtgttaccc atggagtcan gacacgggcc cgggagcgtt nccaaaccaa ncaggtccc 60
 ttgattaaag tcaaagctca cntacaggag gcntgngccg gaggaccaca ggcagggcag 120
 ggaggtattc tgggacttct tgaatagcta ggantcagtc agaacttgaa tttcgacagt 180
 tttgaagacc gtctgtgccc ttcaatcaaa aaaaaa 216

 <210> 400
 <211> 244
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(244)
 <223> n = A,T,C or G

 <400> 400
 tggccccgc acatggtgcc agctcttatg actgncncct gacttnatca tatccctnaa 60

gatanncaca	gtagccttga	gcttgtattg	cgcanangcn	ccacanatgt	aagatcanat	120
natgtgacna	tgtattnctg	agccaacgaa	ctgngcctat	gtggactggg	ctgaggggga	180
gtggactgga	ggggataaag	ggggatggcg	gagagaggnc	agcanttctt	tttctgcac	240
attg						244

<210> 401
 <211> 124
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(124)
 <223> n = A,T,C or G

<400> 401						
tgagggcatg	ttgagtcggc	tgcattctagt	ngatccaacg	agtaggagtg	ttggctggta	60
agctgggcat	ccgtgtatct	gagtttctta	gcaataaagt	gaaatgcaat	cttaaaaaaa	120
aaaa						124

<210> 402
 <211> 113
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(113)
 <223> n = A,T,C or G

<400> 402						
agtgggaagct	tgtgancatg	aggagctnng	ancatgnaga	gggaagcnan	acnggagggc	60
tttntgcccc	agnngagaga	gacgccccgg	caggtgaagg	cctatgagaa	gca	113

<210> 403
 <211> 104
 <212> DNA
 <213> Mus musculus

<400> 403						
atacatgcct	cacatgtgaa	gccagcccc	ttagctgaga	ccagaattcc	aggaaaccac	60
cctgtctgga	aggcccaggc	tacggagaac	cctctgaaag	tgaa		104

<210> 404
 <211> 141
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(141)
 <223> n = A,T,C or G

<400> 404						
tgttcccatg	aacatgcaga	aagaggagnn	cgtgagtgtc	tgggtccggg	accccaggat	60
tcanaaggag	gactttnggc	actcttatat	cnactatgac	natntgcctt	cacacnacag	120
agcagaggag	acttgccttg	t				141

<210> 405
 <211> 101
 <212> DNA
 <213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(101)
<223> n = A,T,C or G

<400> 405
ttgacccttg catggcagga gaaaattnan tgcttgagtn gttctctgac ctccacatgc      60
ggtcctgnta catgggntgt ntgcatacac ataaacacac a                             101

<210> 406
<211> 160
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 406
gcctgaggcc caacctgcct gaggcctaac cggntctctt ccaagatttt ccggagttat      60
cttcgagagt tcccactaaa aggttgatct gtctacttca aaagaacttt acttgtttag      120
ggatgggcct cccctcttct ttataaagtg tgtttgctgg                             160

<210> 407
<211> 185
<212> DNA
<213> Mus musculus

<400> 407
ggaatgcctg aggactctgt cccctctgtt taaagtctcc aggttagtaa gccaggaggg      60
agcccgccac ggccacctag tcagcaccct tccctgcccg ccatggatca cgatgagcta      120
ccccgggagg gctgtggggg gggggcaggc atagggtcaag gggaggggat ggcaaaaaat      180
aaaaa                                         185

<210> 408
<211> 347
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(347)
<223> n = A,T,C or G

<400> 408
aagagatgga ggggcaagtt ctgagtgatg caactgctgc ggantaggag ctaggaacca      60
gttttacatc aaggaagtta acaccgtgtg taaagaagat gggcagtata gcagtccaca      120
caagtggcct tggtgaaaag actgccaggt tgagtggcct ggtttggagg aggtgtnttt      180
nttaacgctt nctccagctg cagtggngct taggattctg ctggtacatg acgcacaatt      240
ctgaaaactca ctcatgactt aagcactgga gaccttctact ggcagactgg ngctggcgac      300
gctggggaggc tgnctgctgnt gcaactctncc ccacccgcct accacag                    347

<210> 409
<211> 251
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(251)
<223> n = A,T,C or G

```


<400> 409
acgattcagg accatnagca ccatnagaag ctctgtctct gtnagcatca ttntctcccag 60
ncctcaaacc ttgtcccttc tgggnaccac ncgagatgcc cctacgcag aatanncngg 120
ctntnctctg tctctncaag ncntgagncc ttngnggggg agaactttat tnncttcagn 180
tgttgtctgn cctccacatg cgtcctgtng catgggtgta tgcatacaca taaacacaca 240
tgcacacgtt g 251

<210> 410
<211> 150
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G

<400> 410
tcacagtggg cccttggatt accccccctt ttttgcattg nttgagtacg ccttatcaca 60
tattgccaac nacntntgaa taaagagatg ctcaatatc ataacctgaa ctattacagt 120
tcaaggacat tgcttttcca aaaaaaaaaa 150

<210> 411
<211> 241
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(241)
<223> n = A,T,C or G

<400> 411
ggcccttaat acacacacgt gcttntantt ggtataaata acgtnattgn gcagaccaga 60
aacntgagac aacttggagg gacttgcagt nggtttcatg gngctgaggc agtgaaaacn 120
tcacccactg ccatgggttt gcaactataag cgcctgcatn agtaatnttt aaaaacatnt 180
ancacagtaa nantttcnaa antcttttct atgcnagctt atctngttag gcattatntt 240
a 241

<210> 412
<211> 117
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 412
cctgcaacat cctggccttt tctgcagaaa gaactganng ctttnggaaa ctgtaaagct 60
tacctctgng gaaaaacccc aaagcattgt ttcaacacag gtttccttaa gttaaaa 117

<210> 413
<211> 125
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 413
 agtacccgtga agacatggcn agtccaagaa ccacacctac ctacacacta ttngcagatg 60
 accagtgtcc tgtgctgttt ttacaaataa acttgaggca agatcaaaaa aggaaagaaa 120
 aaaaa 125

<210> 414
 <211> 171
 <212> DNA
 <213> Mus musculus

<400> 414
 gaactgagga ccagttccag gtaattgcat ggctgctgca ttcccgtgag gccctgtga 60
 gcggcattggg aaggcttctc catcacctcc tgcctcccc caggtgcctg ctcttgatca 120
 aaccaaataa aagcgcaaac aagttccagc gggaaagttt aaaaaaaaaa a 171

<210> 415
 <211> 415
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(415)
 <223> n = A,T,C or G

<400> 415
 aactgagctc ttcacatatg gtgctaaaga tgtctactgt canctcanac ctgtctggaa 60
 gtnntntcag aagactaatg cgacctgaan ttctggggga gggtanagtg gctgcagccn 120
 cncctgtgta ncggattnta tatngctgat anattgacta caagcccgaa aanggnataa 180
 nggactgtgg gnncccaggn atggagctga ttccaggnat gnnactacca gctctatcan 240
 catttngac tgcacacgac tctaattgctt tggacttgan tgcattctac ccgccngacc 300
 tttccttatg tatctgaaga gaatnccctt gcccnctctg cttgcaaccg ctctgcaanc 360
 tctgatctca ccgaagtntt nggngttcca tattttntct attcccctac aagtt 415

<210> 416
 <211> 356
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(356)
 <223> n = A,T,C or G

<400> 416
 taaaaacatg cccctgaccc tcttgccaaa tgagtntctg ntcattgaggc ccaccaagat 60
 gaaccancca aggagggntc gtgnnctgcc ctgtacgaac antgactgct gacngtgtga 120
 tgagcaagct gagggtnctg aaatgttgct tgccaangnc catgaaggaa gtggntctac 180
 ctggtcaccc canganggtg gcanactggc ttgctgganc atgctnngcc agaattctgt 240
 gancctctcg gaccncttct caggccngga cttattnaac ctancccaag angatattna 300
 nataancccc cantgtcccc agtcttntct ganaatgngt ccaccaacat cttaga 356

<210> 417
 <211> 346
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(346)
 <223> n = A,T,C or G

<400> 417

cccggaacca	ccctttggac	tccttggana	agcaaataga	aaaggcgggg	gtggnacaac	60
ggggntgccc	tatnctggn	gnttgaaatg	atagtgaagc	ttgttgcccc	atagcctgtc	120
attggacaca	gtaatgattc	tgggtagaac	acagagcttc	cccattgttg	aaagccttagc	180
aggatccttg	ctacaagttt	atttacctct	agaaacaagg	tcagtcatgc	agaggaagga	240
aagtaaccct	ttccgtgcca	gacactgtac	tgagtgtctc	cctgtttgag	ctcctgcagt	300
ctaatagctt	cttaacactt	attaatcaca	ataggaagct	gggtgt		346

<210> 418
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 418						
tcgggttcaa	acgtttgctg	agagatgccg	tggtaacat	gacgccacaa	tggaacattc	60
ttcccagggc	gtagaagaaa	ctccgctgta	gagctctgct	gcataaggcc	acacagtgt	119

<210> 419
 <211> 167
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(167)
 <223> n = A,T,C or G

<400> 419						
aactgagagg	ccaacagaac	acgnagagac	attactgcnt	gtgtccatga	ctgggacnng	60
actctgtncg	gntttccctg	ggaatccacn	agngatcatg	ctcttcnaag	aaccaatgct	120
atgcaacann	cnettcacat	ntcgagtga	catcaatgtg	gaatgag		167

<210> 420
 <211> 313
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(313)
 <223> n = A,T,C or G

<400> 420						
gaaaagggtc	atgcagnggc	ctgaggggtg	aggnataccg	ntaagccttn	cacgcgactg	60
antgngggnt	gaganaaaact	ttcntaatng	gatnntganc	atgccncttn	atctctnnaa	120
gncttgataa	ngcctannct	ctatntctaa	caggctntga	gtagannacc	tcatgccact	180
gtccatncat	tgataagagc	atgctacnng	anagcgccat	ccttttgatt	cccttctcca	240
gctttctctc	ttaactgtat	gnaaacactg	caaatgaaga	acaccctggc	taatnctaag	300
gtaaaggctc	tga					313

<210> 421
 <211> 196
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(196)
 <223> n = A,T,C or G

<400> 421						
gagctgctga	gagccgaacg	gaagcttntt	gaacngagac	cactgagaat	ggacacttgg	60
atnccacttn	acccttgga	aacacacgat	tgtattcaan	gagggagAAC	aagngantgg	120
tattgatggg	atcttgtttt	cagtanttaa	gaaagtcnaa	cgngaattga	ncgagacccc	180

ttgtatgccc aatgct

196

<210> 422

<211> 272

<212> DNA

<213> Mus musculus

<400> 422

aactgagggt	ggagggcaag	gtttggagac	atctgaagcc	aagtcctgcg	ggccacatga	60
gatcttttgc	ccatttccac	cctgctgttc	agtcctgggt	atcactcacg	gccagagctc	120
ccgagttacc	tttgctgcta	tgccagcccc	atgcaacaga	ctgtccaccc	cacggtcage	180
ctccacaaca	cccagcaacc	cggtagaaac	aaaattctag	aagcttataa	ttaaggagtc	240
ggattttacgt	gtcaataaat	tttcagttca	ca			272

<210> 423

<211> 459

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(459)

<223> n = A,T,C or G

<400> 423

aactgagggt	gggtctttta	ccctatatac	ccttggccgg	ctaccgggaa	gactgcgtct	60
cctgacgac	gtaacgaana	tgtaccngtg	ctttccttnt	ganagtnaan	nccgccctaa	120
tatgtgcanc	angctaaccg	ngnggaanct	tgccctgccag	aaanaaaancg	cctgtngtnc	180
tattanggaa	agccggngac	taangtctgc	ttatgncaaa	ngcccagnaa	tgtccatttg	240
agatccanga	gccacnaaga	aggggggcta	cttggccaac	atggctgac	acgtgcctga	300
ggcatgccct	ntgacctcac	cagngtanca	cagaaccatc	catacaggcc	ttgggcagct	360
ggaaatttac	actgntagct	cncccatgtg	ctaagtttag	aactggattt	ggattggcct	420
gggntggact	cttattttcca	agactggtga	gggaaacac			459

<210> 424

<211> 277

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(277)

<223> n = A,T,C or G

<400> 424

acaaatctgt	ggtcataaag	acagacagtt	tnaatgagaa	gacactgcaa	atgtgctgga	60
agacgcagct	gtcctgagag	ggcacggngc	actgncgggt	acagggtaca	agtatntgtg	120
accancgaga	cccattagtc	cacactgctc	gtcccgtgca	tttttcctat	ttaaggcaaa	180
aaaaatcatn	gagactagag	tactttggaa	tttctagaag	ctcccacctt	attctgaaat	240
taaaataaaa	cccgtgctgt	tggtgtaaaa	aaaaaaa			277

<210> 425

<211> 117

<212> DNA

<213> Mus musculus

<400> 425

gggctgcctg	ggctaaatag	tggattcaag	accagcctgg	gtacataaag	acactgtctc	60
aaacaaacaa	cacaaaacat	catcattaaa	aacaacaaca	ggagtgaana	aaaaaaa	117

<210> 426

<211> 124

<212> DNA

<213> Mus musculus

<400> 426

aacatgagaa agtatagctt ctaccattga gctcaatgca ctgtgtgtga aggcgctggt	60
tgctgctgta gggagagaat acaaattggga caataaaaga ctccgaacca tggaaaaaaa	120
aaaa	124

<210> 427

<211> 112

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(112)

<223> n = A,T,C or G

<400> 427

cggaaggcat gccaaacngc ttacgcttcc caaggcacia gatctttccc agcatgggaa	60
agatcctccc tccctcctnt nttccacat acactcaata aaataaaata aa	112

<210> 428

<211> 258

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(258)

<223> n = A,T,C or G

<400> 428

aacatgagtt cggccggtac tccgctctga tcatcggcat ggcatacggc gccaaagcgt	60
acagttacct anacccccnn ncagaggagg ngaggagaat ancagcnnnn gnanagaaga	120
gactanntga nttgnancgg ntngngagag aactggcagg aagctcaaga tgacagcatt	180
ctcaagtga ggcgtcagcga gcttgctttt ctctagtcgt tgagaacgaa taaagcttca	240
ttgtgtgaaa aaaaaaaa	258

<210> 429

<211> 351

<212> DNA

<213> Mus musculus

<400> 429

ggaagagact gtctttgaaa ccaggaatct gagatgatgt tgagatggag atgacaggcc	60
tgcaaggaca agagaaaaca tgtagttctg tgagctctga tgtcaacctt cctggacaga	120
gcctgcacag gccctagggg gcagcataga gacctcattg agactagccc acagactgga	180
gggcccacag gccaggctga tgtgggctgc tccgtcagcc tgcctcctgt aagggacaag	240
agcatcctct gataagggtg gatggagcag ggggcctgag gatctctgtg cgccttcctg	300
ctgctttggc aacaataaat gaagagtggc tttgtagctt aaaaaaaaaa a	351

<210> 430

<211> 179

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(179)

<223> n = A,T,C or G

<400> 430

agtggaaagc ctggggctga aaacggtgag gctcagngat gggacaacag cctacngtcc	60
---	----

agcaggctgn naaangggga gaagctgntt gaagggnaag ngatccagct ggaggacggg 120
accacctgcn nacattcacc angtgacgat acngaaagag tntttctcct ttgaagacg 179

<210> 431
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 431
caacagaaac atcctacttg gaaatggctg cnggctcaga acctggaanc nngtagaann 60
tagccctggn gtagntgaga aatccaacng ggtgggccac cagttataca cc 112

<210> 432
<211> 137
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G

<400> 432
tatcaactga caaaagnctg ggtgatatgt tctttctccc agngatgaag ggattntctn 60
ctctagggtt nccctcagac cntgnanaca tctgnttttc atngaccatc ngccccaata 120
aaggacccta actttaa 137

<210> 433
<211> 400
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 433
ggctcttgaa tgctgggatt aaaggcattt gccactacca cttggctggt atctctttata 60
tgctggacta gccactgcaa ctgagaatcc ccctccacaa tggcctntct tcaggacctt 120
cagccctgcc acacagtact aaacctcagg tgntcttcat gacttcttca tgctttcaaa 180
accaacacca tctagccgaa tcttacacat taccaagntt ggctggcagc atgagatgca 240
gntttggcca ccttgnatna cagcttttat gtgctgaacn ctggggagat aacccctga 300
agattttacc ntcaggagat gctggccctc ttactgaact aatatttcan gttctagctn 360
acctgcaaca atttgtatcg ntaaagcaat aaagcaaagg 400

<210> 434
<211> 516
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(516)
<223> n = A,T,C or G

<400> 434
gactgagcat tcccgtgggt tggatatggct atcggtgga cctgggttaa gctgggttac 60

tttgaaccga	aggatatcac	ggcagaggaa	gaacagggaag	aagtggagaa	cctgaagagc	120
atccggaagt	atttaacttc	taacactgcc	tacggcaaaa	ctgggatccg	ggacgtccat	180
ctggaactga	aaaacctgac	catgtgtggg	cgcaaaggga	acctgcactt	catccgcttc	240
cgcacctgtg	ccatgcactt	gttcattccag	atgggcagcg	agaagaactt	ctccagcctc	300
cacaccaccc	tctgtgccac	gggaggtggg	gctttcaagt	ttgaggagga	cttccgaatg	360
gtaggttggg	cttgcccac	ttcgaacagc	cagctctctc	atgtgatcat	agtgtgtc	420
tctcatgcta	agacctggac	cattaacctt	gggacctggg	catgtctgtg	cccnggggtt	480
cctcttccat	atgataataa	atatatgacc	ctttca			516

<210> 435
 <211> 197
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(197)
 <223> n = A,T,C or G

<400> 435						
tcaccttgag	tgacggatgt	gagataagag	atacatgcgg	antgtgannc	actcatcnca	60
gttttgcattg	gntntgnntg	ngananatca	catnctctnc	ctcntnatgt	ncctccggag	120
acggatgtga	gaaaagagtt	acatgcgant	ntgagtcagt	caacacgttt	tgcatggtta	180
agttaaagaa	ataaaaaa					197

<210> 436
 <211> 264
 <212> DNA
 <213> Mus musculus

<400> 436						
gtgcatccca	ctcgattggt	tgaccgactt	cttgagcggg	tgagctcctg	ttggaagcct	60
tgctttatgg	cgctgtccca	gtgagaagcc	gcttttcttg	cattcgccag	cttcgggtca	120
catgcaacta	cttctcttcc	tgccgtctct	gctgggagtt	tgtgaagttg	tttattctgt	180
tacagcttgt	ttgactttca	cataggcctt	atagtcta	acaattgaga	aaaagagaaa	240
atztatgacc	ttgaaaaaaa	aaaa				264

<210> 437
 <211> 162
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(162)
 <223> n = A,T,C or G

<400> 437						
ctaaaagagc	agcaaagaag	ttacnntgat	tttgcagtcc	aggccctgat	gagttttgaa	60
gacaagtga	ggtacagtgg	gtgacagctg	tgctccttga	cccagcaaaa	gctaatagaag	120
aaaataattg	gaatttaaaa	tataaatatc	taataaatac	tg		162

<210> 438
 <211> 262
 <212> DNA
 <213> Mus musculus

<400> 438						
gtcgttggtg	ctgccagggc	gtcaataata	aaaagagagc	agcgttgggg	gataatgtcg	60
acatttccac	tcccaatgac	gtatatgtta	cagaattgga	cggctgaatt	tgaacagatc	120
ccttcgagaa	ttgagacttc	aggtcaactc	cacgcgcttg	gacctgtcgc	tgaccaaaag	180
attacccaat	tgatctcct	cagcattttc	tttctttaa	aaattgggtg	ggattaatat	240
tatttggaga	tacaaaaaaa	aa				262

<210> 439
 <211> 125
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(125)
 <223> n = A,T,C or G

<400> 439	
agggcagggc ccttgtggga cccagcagct cattcaacat aaaagtatat ttttgaagta	60
cctaaagtat aataacctca cctattatgc caaaattaaa taatcangaa tttacaaaaa	120
aaaaa	125

<210> 440
 <211> 101
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(101)
 <223> n = A,T,C or G

<400> 440	
ggacctggac cgctggctgt tccttctttg atcccaggca tgatttcagc ttgtagaata	60
aatgagaaat gcctgtnggt ttaattaaaa gaaccgcatt g	101

<210> 441
 <211> 423
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(423)
 <223> n = A,T,C or G

<400> 441	
taacaactgg tggagcccag agccctgggc gaggatatgg ctgtgtgcct gaggaccttc	60
acacaggcac acagtgtctc acctgtcttc ttacggctgg caatgagatg gtgctcctta	120
caccgtggac cccccgaggg gtcttntctca ccaccttcag ccggaaagtg cctgaccgta	180
gaattcatg tgtattagtt gctcctgaga agaggaagag ctgttttgat acccgatatc	240
ttcgaggtgt cagtcctatg tctttggctc cactgagtcc agggtcacag caagcctaaa	300
caggatggtg ggctagacct gccgaggggc agacctcgaa gctcacagca gataggaagc	360
tcagagataa gactgaagac aagcttcagt gtacttacat ataataaatt aaatccttaa	420
aag	423

<210> 442
 <211> 396
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

<400> 442	
tctggctgtc ctggaattca ttatgcagag taagatggct tganactcac aagagatcta	60
actgcctctg nctcttgagt gctganatta aagggtgtgtg acaccatgcc taagtgtccc	120
aagtttaaac tttccagctt ggaagtaaat gaccaggaaa taatacagtg aggattccag	180

cagagatcac	ctccccaggc	atcctaacte	ccaaagtgag	agatactctc	ctgttatcac	240
tcaatctcca	tcgacgaagg	agccactcta	ccactctggg	aggtgaacaa	cggaacaga	300
cacagaagca	gactgcccac	ctgatggggc	agttatgtca	atggatcatg	aacaagttga	360
gtcacaagat	ggaaccagga	aggcaaaggc	ccctga			396

<210> 443
 <211> 217
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(217)
 <223> n = A,T,C or G

<400> 443						
cttgaaggag	tacaggaacc	acccaaccct	gcaggtctnc	ttgtaccggt	cctggagaca	60
ttcccccaac	atcacctgcc	tggttacaggt	ctgcagcata	gtcaccacct	gggccatgat	120
tgcatttctc	ctgggaagac	ccatgccctg	agagcagtga	gccacctcag	cttctgtctt	180
agtctctgga	gatggccctc	gtggctcggt	tgtattt			217

<210> 444
 <211> 184
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(184)
 <223> n = A,T,C or G

<400> 444						
tcactgtcgc	cgccacagt	gacgncnnc	acagaaagca	cacaccgtag	ttgcggacgg	60
cctgtgggtna	agatgtcttt	gccatcccca	caggacggac	ggacnggant	ccacaagggtg	120
cgcagtngtc	nccgaggccn	gccnnganag	ganccgattc	ctcacaggag	gaaggagcac	180
gccc						184

<210> 445
 <211> 185
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(185)
 <223> n = A,T,C or G

<400> 445						
ccattgagcc	aaagaaaggc	caccccccca	acagccccca	cacctggata	anagcgcct	60
gcaagaactt	cttntggaaa	accttctcct	ngtgcaagtn	accccancct	gggcatagca	120
ccctggccac	cctgngagat	gccaacggag	acctgaataa	agactgtcaa	tcagcaaaaa	180
aaaaa						185

<210> 446
 <211> 300
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 446
ctgaagagct accatttggg tgctgggatt tgagctcatg acctncnnaa gagnetgnnn 60
cgngctntt acccncntnaa nnatttcacc agaccncctg atcctccttn tgcgnatnct 120
gctacctgct ganaggcccg ggagctcttn tggagactat gccctatcct acgtcatcac 180
ctgcagctgg ttccaggctc caaggatgaa ttggcgggaa tggactttcc cccctttttt 240
ccccctctt ttctaaagcg tgtctgcat taaaaatttg aaccttgagc aaaaaaaaaa 300

<210> 447
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 447
ctggtgatgt ccctccctgg gacacatcca gaggggtgtg caggagtcca aagaaccang 60
gactcaggac ctgcgggcag ctgacctctg ctgctgtcac tgcacagaaa tttttaaatg 120
acttttatta aatccttaca aaacagaaaa aa 152

<210> 448
<211> 247
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

<400> 448
acgactgggc ttcaagtgtg ccgtggggga gtcagggtca ggcggacccg aggtctacca 60
tgacacacgt gtttccgncg ggcacgcata cacncacgtc cctgaccatc ctgttgccga 120
gttgggtgcc ccggnccctc agtgaccccc cccacacttn gttnngagcag nggccctgcc 180
tcanaatggg cagacctttt aggaaactng gatcanacgn gactcggctg gcacccact 240
ggtgccg 247

<210> 449
<211> 228
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(228)
<223> n = A,T,C or G

<400> 449
tgaagagcag ttttgtccaa aaagaacatc atctccagcg gagaaagggc agctctgagc 60
ctcgaggaga gactncattg tnancctctca gactacatac cttggncctna caatgaaaga 120
atccaatatt gganganca ngaaaggaac tcagngcncc tngcnccagg tcaangngtg 180
gacctcatag ccttttttgg cagngtgtnc ctagggaaac ataataac 228

<210> 450
<211> 136
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(136)

<223> n = A,T,C or G

<400> 450

agtctacata	ccaagctcca	gnncagccaa	ggctacncag	anaaatcctg	tcttggaaaa	60
caaccgnncn	nacaancctc	caaactgagn	aatctgtatt	tagaacgatt	gctcatnttt	120
atgacaaata	aagtag					136

<210> 451

<211> 485

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(485)

<223> n = A,T,C or G

<400> 451

aactccctgt	ggttggaaatg	gcttctctct	ttcattcaga	gggcttctct	ggatcaagcc	60
aggcgaanaa	gctgagactc	caggcataca	actggttatc	cagggagctg	gaccttctact	120
ccgacttcca	gctctccacg	cgctgctcac	cgctccctgtc	ccagacagga	aacagtaact	180
gatgctggaa	cacaggctcg	tgggacccgc	ccactaagga	tctctcagcc	accggcagcc	240
acagccacgg	aggagctctt	tgtggtcttg	gcttttcaat	caaggtttgt	ggccaaggct	300
agagaggcag	ctctcacctt	caatgaaagc	atctgggtct	cagtcaagat	tgatctgcac	360
tgggatggat	tccctgtctg	ccagacaacc	ttggaatcca	ttagggcccg	gatagagcac	420
gatggaaggg	gaaggcgcta	aggcacgcaa	catgtcacgt	gacaccagca	gtttccgttc	480
cctct						485

<210> 452

<211> 558

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(558)

<223> n = A,T,C or G

<400> 452

ctgagagtac	cagtgatggg	gactccagcc	tctgtcgtga	gcgagccacc	cctgtggcag	60
gtttcaacac	ctcagacccg	gggcccgaag	caggcctctg	ccaacatctt	ccaggatgct	120
gagctgggtcc	agatccaggg	cctgttccag	cgcagtgggg	accagctggc	tgaagagcgg	180
gcccagatca	tctgggagtg	tgcaggggat	caccgtgtag	ctgagggcgt	gaggaggctg	240
cgcaggaaaa	ggccgcccaa	acagaaccac	tgcagccggc	ttagagtgcc	ggagcctggt	300
tctacagcgt	ctgaccccca	ggccagcacc	actgacacgg	cctccagcga	gcagtctggg	360
aactcccggg	gaacaagtgc	tagagccccc	cggaaactgga	ataagccagg	ccccacaggt	420
tacctccacc	agatcagaca	ctgactgggtg	aagggggtggg	gaggtcctcc	ccaaacactt	480
gcagggactt	tggccaaang	gcttatggag	ttgtaaaaag	gacatntgag	cangcccttt	540
gtaggtgaaa	aaaaaaaag					558

<210> 453

<211> 221

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(221)

<223> n = A,T,C or G

<400> 453

attgtgctca	gcacagaggt	gnttcgtgac	cnnagactgta	cttctnaatg	cntgcatgga	60
tgccagacac	ctgcancngn	aagcgtncnt	nagnctnca	gagcttatgn	agtgntaaan	120

gattctcaag	tggncatctg	acccaccatg	atacagntct	gactgttgct	accaccnta	180
ggaagaaaac	gctgagtcac	cngaaaccaa	agaaaaacaa	a		221

<210> 454
 <211> 181
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(181)
 <223> n = A,T,C or G

<400> 454						
gctgggaatt	aaccttngna	cctgatggaa	naagcggcga	gncaaccaca	acccatcgct	60
caagcccat	tgctgggcct	ggtgacaacg	catgtcagtc	ctgcctcagc	cccctgaatg	120
catgtttaca	gatgtgcacc	agagcacctg	actcaagttt	taaacgatca	ttttgagcac	180
t						181

<210> 455
 <211> 457
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(457)
 <223> n = A,T,C or G

<400> 455						
aaactcagaa	aaaagtcttc	aaggctcgga	aaacaatgag	agcngagcga	tcgccagcag	60
ctcgatgctg	tgcnagagat	caagggggag	ctgctgagag	ccgacgggaa	gctgctgaac	120
gggagccatg	agaatggaga	cttggatccc	acttnaccct	tgaaaaacac	agattgtntt	180
caagatcgag	aagaagtgaa	tggtattgat	gggattttgn	tttcagtcag	aagaaagnnc	240
aaccgggaat	gggaaaagan	gacccccctg	tattgcccac	tggtttgcct	gtnataaaac	300
aaaaccnnga	agattttgaa	atagtngaag	gctttttgtc	cccccccant	ttttctatan	360
ttnnatnnc	ntaacanaac	nggggggggg	nggggggggg	ttcnggggcc	ttntnaanng	420
gttngntgnt	cccccttttt	tttgtctagt	gggggggc			457

<210> 456
 <211> 237
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(237)
 <223> n = A,T,C or G

<400> 456						
gctggcacgg	agcatnctat	ggcatcgtga	gcctgcagct	gatctccggg	gtgngtgctg	60
agggnacat	cacatacngc	tgttccaccc	agagtgcana	ncnctcactc	tangactcag	120
gctagaactg	gactgcacag	angaccctcc	cncnangata	aatganactt	anancecntn	180
tttaccantt	gcggatctat	aaaatngnac	ntaactatac	taccaataaa	caaataa	237

<210> 457
 <211> 348
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(348)

<223> n = A,T,C or G

<400> 457

tatggcatcc	aaactgngct	nttacaagtg	ccctgtctgc	ttncagnact	nncacngaaa	60
tgtcaaagtc	caccntgggt	aaacatttct	tgtantccct	agtcgcgctna	aacaacagta	120
aaacgtttggn	nccntganca	nntgctaaat	aaagaaatat	ntgcgtgncn	nagccttaaa	180
tttgctatat	cctgtntcaa	tctactgcta	acatagcgtc	ntagagaatn	gnagctaact	240
ttcaaatatg	nntctaaaaat	gaccagaatc	agccttccaa	atgaagaant	agcaacgnct	300
aatgctgcgn	tgattatctg	ggacagngca	tgacataagt	agggcata		348

<210> 458

<211> 101

<212> DNA

<213> Mus musculus

<400> 458

acgtcccact	gagtcttgcc	cacctctccc	ctgaaacttc	cgcgctcta	aaaaagta	60
gcgtcttggg	aacacccaag	gttggtc	atg	ggcagcata	a	101

<210> 459

<211> 246

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(246)

<223> n = A,T,C or G

<400> 459

gctgtgaaca	gcttaccctt	gacgtgatg	ccgcagaaac	nncaagagag	accttgtctc	60
agtgcggtg	aagangaatc	agtgcgccnn	aagtngnatc	ctgaccttct	tttgccatag	120
catgtgtgag	cctgnactca	ccccttccct	taataataat	aaaacaacaa	ctttgtgant	180
tgngacnnat	nnanncatag	catgngtgag	cctgtactca	ccccttccct	taataataat	240
aaaaa						246

<210> 460

<211> 294

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(294)

<223> n = A,T,C or G

<400> 460

gcccacctgc	atccgcttcg	gctttttaa	at	gaaatcacct	gcaactcccg	ccgncggcac	60
cgaagngcag	aagatgccca	ggtttccgga		gcaacagctc	agngtcctct	atctccgccc	120
cgcggcgcct	ttcccgccaa	aggccgttac		caccgcggag	catggtggga	cacagcttgc	180
aagatagggt	tcacccaatc	tttttanagc		gccnagctgc	tttcanagag	ggtctacccc	240
cgagggtggc	gacgattctg	gactcagtgg		ggattaataa	taaccgcttt	aacc	294

<210> 461

<211> 106

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(106)

<223> n = A,T,C or G

<400> 461
gaaaagcgca gggcccatcg accactgaag acaacgggag ggagctggaa gacggngatg 60
gnctgganat cantgctgca ctcttcctgn gagacgattg aagcct 106

<210> 462
<211> 347
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(347)
<223> n = A,T,C or G

<400> 462
gagcctttga agaccagata nctaataaac tctagatnca tccatgggtg cntcngntnc 60
cttentannn atggttnncat attannganc gttnggnccn tccngcctcc gagcccagga 120
tgcacctgga tgaaaacaaa atcccacgtg actggccctg agctcagatc atcatggcgt 180
ctcccagtgga gaagggatct tggacgcccg aggtcctctg ttttgggccc cgggcgctag 240
cacgggacct ggtggactcg gtggacgacg ccgagggcct ttacgtgggt gttgagcggg 300
gcctctgtgc aacaccactc gccggnngtg acttgcgcca agtgcgt 347

<210> 463
<211> 472
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(472)
<223> n = A,T,C or G

<400> 463
agctttggag aagcctctga agggccagga acccgagggt gttctgctga gagtcgacat 60
catggatggg gagagcagag gaggacacga agggcaaggg gagcagcagc agcaagaccc 120
tcagtcgaca cattgcaggc gcccttatac cnggttttagc ctccactcaga tccagtacct 180
tacctttgcc ttcattctcg ccttntgctg gacacccggn caccgggctc cggacaccgc 240
cggatacggg cagttaatat ccagttcttg tctcgagcct gggcaaatta ctggagcgtt 300
cgttgggtgt cagggtcccg ngagactggc cacgcnctaa ttgtctcacc acgccctnca 360
cacacgggtc cctaggatcc tccactactc accatcggtt ctctggcata tccacatctg 420
tattgttgac tgaccacacc tcttaagcca tactcctcgt ggatggccac gt 472

<210> 464
<211> 480
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(480)
<223> n = A,T,C or G

<400> 464
agcctcaaat gcagcctgct tgnccacctc cttctccact caggncacaa gctctgcac 60
cctacacttc tctggntccg gntcactgaa aaaacccaan atccacatgc ccacggactc 120
nttcccact gactnnatcc cactcctgt agagtcccta aacaatccca anaaagcacc 180
tccagccaaa aanggacccc ttgatgactt gganaaagac cctccaggng ggnngnccan 240
aangtgganc tngcctccct gnaagagctc ttctggaaca tggcaagtcc aagccaacag 300
gctgggaccc canagatttc ctctgggagc tcacaatgct acatcaataa cttanattac 360
ttactgcaan aaaagaggat gctgggttga naatttctcc ntgtccctgc angtcactc 420
nccagtgcac ccgggtgaaa ctgtattcct ncctaagcct caccctttgc cttgcttcc 480

<210> 465

<211> 139
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(139)
 <223> n = A,T,C or G

 <400> 465
 ctggaacaag aggggtctca nccccctcctt tgtggactta gcattacagt cnctaaatgt 60
 gtggacttgc aacggaaatc anattcaana atcatgttct tgttggacta ctgaaaagct 120
 tgaaaagatt tcatatact 139

 <210> 466
 <211> 216
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(216)
 <223> n = A,T,C or G

 <400> 466
 aggcctgcac gcttganceg ttgntccgc cccgcgggag cacnatgtct gnatgccatc 60
 nccccacagc tgganagggc agtgctgnag cagnncctta ttgcatgnag ccactcttan 120
 aattctctca gntgaagtgg tgntttttat tatatataa gtacactgtt gcngnennca 180
 aacactccag aatnagggng tcagatctca ttacag 216

 <210> 467
 <211> 277
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

 <400> 467
 tgtgggggtg ctactgttc ttcttgaagg aggagtgact ggccgccacc ggcacctgga 60
 acccagcacc caggaggtga acccggacgg acctgaggag gatcctgtgt cctgtgtcct 120
 tgggagacta ctactgggg cgagatgacc acagccacca ctttngggga cgccgtcttc 180
 tngctganca tgaccagggg agaggacgcc ctgtntaana gctctggagc catcgtggct 240
 gccatcgtgg tnggtngtna tcatcattgt caccttg 277

 <210> 468
 <211> 363
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

 <400> 468
 tgtgcatgca gagaccacag atgtcatctg cagaaacaac ggtcaccttc nttganacag 60
 agnctctnat tgnccctggag ctgccaatga gncncaactg cagccagcan gccccagagc 120
 ttctcctgtt tctgcctccc tagcactggg gttaaaaagtg cagaccacca ctctgcacct 180
 ttatttacct gggtccttgg gatcaagttt aggtccttca ggctccagag gcaggtgcat 240
 taccactgtt tgtgggtggg cctgatgcag ttcttgtgac ccatcccta atgaataaag 300

gagccaatca ctgggcaagt aggagggact tccaggntgg actgaggaag agaggaagca 360
gga 363

<210> 469
<211> 291
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(291)
<223> n = A,T,C or G

<400> 469
cggggctgtc tgttgactct gcccagaact ttttcacccc aggtatctaa atccttgctt 60
caaagggtcac cactctctaa gngagacctt ccctcattgc ctgcctgtaa gatggaatga 120
tcttccctgt gtcaagcttg cctcgtagcc ccttcttcat cctatttctg acttcttagc 180
cgaggaaaaa tacttaagaa aagaattctc attttgtttt ctgctgtttc cctgtaccta 240
gtacaataca ctacacatgg caggaatggt ttttttttaa taaaacattg a 291

<210> 470
<211> 199
<212> DNA
<213> Mus musculus

<400> 470
catacctaac ctatcgaggt tcaagtcccg gttccatagt ttgcaaggaa tgcagatttg 60
aaccaatgac tcaacgtctc cgtgctacag attttgtagc atcaaccag caccgacttc 120
acagagctgt acagagacta aggactgtct catattaaaa cactacatgt tcccgtgttt 180
gttaaaactat acaaaaaaa 199

<210> 471
<211> 164
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 471
acatgtgaca tccccaccaa cggctgtggg tctgagcact gaaactcaga gctntctgga 60
ttgaacanat gtgtgttgtt actgttgac gtgtggcttg tgattttttg ggggcggggg 120
agttgttttg naaaactatc cccccccca tctctcaaaa aaaa 164

<210> 472
<211> 290
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G

<400> 472
tgaggaaaat tcccagggtat tcatgtaaca gggaattgag gtaactaaga atgtctggca 60
ctgaagaaga cttatgtcac cgcataaag tagttgtccg tgtacgtcct gagaacacaa 120
aagaaaaggc ggtgcagttc tgtaaagtgg ttcatgtagt ggataaacat atactcagtt 180
ttgatccgaa acaagaagaa atcagttttt ttacagaaa gaaaactacn aattttgata 240
ttactaaaag gcaaaataaa gatctgaagt ttgtatttga aaaaaaaaaa 290

<210> 473
 <211> 252
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(252)
 <223> n = A,T,C or G

<400> 473
 taaggtcaga ccctatgcat ggggcggtag tataagctgg gacggcntgc tgccaacact 60
 aaggattgga cctngccata tacacangag tncgagntcn aggaggcagt aaganagtac 120
 tgagccctga gatggngatg tnaagagaatt gcttccttna gcctctgagc tggttatatn 180
 ggcnaacaa gggatnactg atgttgnnnc acaatgagct tgnctgcacc naagancctg 240
 gaaaaagaac ag 252

<210> 474
 <211> 126
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(126)
 <223> n = A,T,C or G

<400> 474
 accaaagtac atattnaagc cttctccagg gaanagccca ggcacacggg ctnaanatga 60
 ngcngncngn annccccctc agagggagaa tgtggtccag caagatcana ctttgcgctg 120
 tctgtg 126

<210> 475
 <211> 121
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(121)
 <223> n = A,T,C or G

<400> 475
 acatgtacca acaatttata tnaacaaaca aataataaca tnaatnacat aagtgactnn 60
 caagcnanga ctacatagag ataccctagc tcaaaaaaga ccaatagaat acaatggaaa 120
 a 121

<210> 476
 <211> 322
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(322)
 <223> n = A,T,C or G

<400> 476
 ttttaccatg acacanaact ggcctggagg agctggtggc acggttgcag ctggggccct 60
 gccccaatga tcacccctcg aggggttttg gagacagagg tgaccggggc ttttggggct 120
 ctggtgtgga tccgttgtga caagtatgca ggagacttgc tgcagcttcc tccagcagtc 180
 caggagctgc ttctcagttt ggtccgagat gctgccggca aggaagacat cattgagtgg 240
 ctcggccatt ttggcatctn tggtaactgc cccaaccag agatcctgat ctgccttgcc 300

cggcagcaga aggaaagcgc cc

322

<210> 477
<211> 413
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 477
caggggtgtgg gtgacccatg tctanacgcg ggattcggng agtactnaca gncttnatcc 60
ttacanangt gggcacatac tatttcttca ggatncatag gaanttnccc ngtccttatc 120
tcaanccttn cctcaattct tttccntaca atacaatgat ttcactataa anantaataa 180
ctnaaaaaagc cgtngggngt ncngccccng ggagccggcc aacctggaga gcagaaatgg 240
cagactcaaa tagatcccca agatccaggc ccaagcctcg gggacccagg agaagcaagt 300
cggacagtga cacccttttt gaaacttcac ctagtnccgt ggctacnagg agaaccacca 360
ggcagaccac catcacggct gantncacga agggcnccac taatcggaac ccc 413

<210> 478
<211> 462
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

<400> 478
gctccactgt tgggtgtgcgg ggctctccag aaaccaattg cctgatccga ttcattgccc 60
agcagcgaaa cctaaagaag gctgtgtctt ctccgttggc acgagagccc cacttcgagg 120
gtagcccaag actgtatcga aatgccagtg ttttaagaga gcagaatgtc tgcttttcgg 180
tcagcttttc actccataca ggaaactaag atggccagca gtccctcagc agcagaggca 240
gacggagagt ctaggatata agatattgacc agaaaagaag atcttcttga atatcagcag 300
tctgggttcc ctgtaaactc ctcttcaaag cggaggagaa tatcctccca ggacagccct 360
gacaattatc tnagtggcnc caaagccctt gctgacgaag cgtgtgctgg ggggtgcctnc 420
acagatcttg ctgagaagtc acctgacatc gggtccgccc ag 462

<210> 479
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 479
ctctgacctg ctggcatgcg tggncctcgt ggccaacacc ttactctcag ggcattgtcac 60
tctgtgcctt aactcccgtg cagtgggttg cccgagaggg ttccgccttc at 112

<210> 480
<211> 129
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(129)

<223> n = A,T,C or G

<400> 480
agccgggtttg gactgactgg ctgcctncct cctcctgccc ctctctccgc ttctgcttca 60
gatttantta ttatatgtan gtacnctggn ncagtctgga ggacnacta nacgagggca 120
ccacgatct 129

<210> 481

<211> 162

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)..(162)

<223> n = A,T,C or G

<400> 481
ggaccctctc catggcaacg ggnanctcac tgagangnga gtgtancnca acagcangnt 60
gcnnatatgn agncatagct gatgctccca ttatattata tagtgaccga gaaggcgtgg 120
aattattacc catacacnat nacagaatac actgggtgct ta 162

<210> 482

<211> 339

<212> DNA

<213> Mus musculus

<400> 482
cttactgtcc ctctgatgcg gcctaggatg acctgggagt gggcttctgc cctggctggt 60
ggagaattat cttgactaag tgcagggcag cccggaatgg agctgaccag cacagcagaa 120
gccaggaagc gacttcccct ccttgcccgc attcttcgct tcctttcgct ggaaccttcg 180
caccaggcct ggccagagat ctccgtggaa aacctctggt acccaggccc agagacagtg 240
aacaactgct tagatctctg cattcttcac ttcccaccat gagctgtacc cctgcagtgt 300
gagccagaat aaaccttttt ttcccttcaa aaaaaaaaa 339

<210> 483

<211> 107

<212> DNA

<213> Mus musculus

<400> 483
caggatgctc tgggtctcatc cttagcccag ctttgaacac actgcttgga caggcttctc 60
ctgcctaaga tttgacaact gttcagttgc tgtgattaaa aaaaaaa 107

<210> 484

<211> 107

<212> DNA

<213> Mus musculus

<400> 484
caggatgctc tgggtctcatc cttagcccag ctttgaacac actgcttgga caggcttctc 60
ctgcctaaga tttgacaact gttcagttgc tgtgattaaa aaaaaaa 107

<210> 485

<211> 107

<212> DNA

<213> Mus musculus

<400> 485
caggatgctc tgggtctcatc cttagcccag ctttgaacac actgcttgga caggcttctc 60
ctgcctaaga tttgacaact gttcagttgc tgtgattaaa aaaaaaa 107

<210> 486

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<211> 235
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 486
atcacccctca actatcaggn tcgggggtgct aggtttcctg ancactgnag atnangctgn      60
caaggggcaac tatgggctcc ttgatcaaat ccaggccctt cgctgggtga gtgagaatat      120
tgccttcttt ggaggagatc cccgtagaat tactgtcttt ggctctggca tcggtgcatc      180
ctgtgtcagt ctccttacac tgtctcatca ttctgagggg actcatggag cctgg          235

<210> 487
<211> 101
<212> DNA
<213> Mus musculus

<400> 487
ccacccaact tggaaatatg agtcgtctac agcctctgct ctagtggcat aaatgctgtt      60
gtgtgcacaa gcaataaaat cacctttgag taaaaaaaaa a                    101

<210> 488
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 488
cccgtcacac accccgattt cgaaccaagc actgaagtga gaaacatttg tttttaaaca      60
acntgctcta atagtcttac atttaaaaaa taagacgatg cttcctatta aacttgctat      120
tataatatag ataattaaaa aaaaa                    145

<210> 489
<211> 175
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(175)
<223> n = A,T,C or G

<400> 489
ggttatctcc ctttccacat ggggagcagg tcagacttga gacttcatct ctttgttttt      60
gcacgatata ccngtgatga acctcaacat aaaatactgg gtttggttaa tccccaggac      120
acanananaa gagggggggg gtttacnttn aggggaatccc cggggggggc atctg          175

<210> 490
<211> 401
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(401)
<223> n = A,T,C or G

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<400> 490
gagccctgaa gttgggattg ggncctgcang tcaatcagac gctgcggntn ntnattgata 60
tccaagnaag cagagaatgt gaggnccctcg ntagctccat gagtgaaant cttccaggac 120
tctgtataaa gcgttagtac ttctanaaga aaagactggc cacaagcctc tacaccatcc 180
cagccagcat ctgcaccaag tgactctggg ctctaataatg ctactttaac attcacagtg 240
ctggccattt aatacacaac atgtgtatct tcngaacaaa aanactatac accgtgncca 300
gccagcntct gcaccaagtg actctggtct ctaatatgct actttaacat tcacagtgtc 360
ggccatttaa tacacaacat gtgtatcttc aaaaaaaaaa a 401

<210> 491
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 491
ggagagctac cctctnanng gccgganccc tactcaganc gttangacta tcctnanang 60
tgcgatctca cctgattaat gagcccnaca ccttttgtcc ancgcaatga ggatgcttca 120

<210> 492
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G

<400> 492
gaaataacac tcaggagcga ccagggactg agcgagtgga gttgaccgga gcaagangag 60
gncctaaaaa ttcaatnncc ancaaccaca tgaaggctca caancatctg tacagntaca 120
agtgtactca catncataaa ataataaata aataaatatt tagaatgata tcgngaaata 180
aaggtcattt aatt 194

<210> 493
<211> 118
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(118)
<223> n = A,T,C or G

<400> 493
catcgttgac ctgccaaagga gtgaccataa aggaannacg aacttgnent gtttgggcat 60
taaagaaaac gtggtttnaa naatganact nttacctggc ctcttcctaaa acgacata 118

<210> 494
<211> 255
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(255)
<223> n = A,T,C or G

<400> 494
gattccaatg gagggagatg cccacntgag agatgggagc ngatcaaaaag ccccatctct 60
ctggattttc tacacaacca gtatgaagac aaaaaggaag atctgaggct ctgagggtg 120
gggtgtggtg tgcacaccag tacttgggat gcagaggcag gtgaatctct gtgagttcaa 180
ggtcagcctg gttacatagg gagtttcagg acaatcagga ctccatagag agactcggtt 240
tcaaaaacaa aacaa 255

<210> 495
<211> 267
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

<400> 495
taacgttagc cttacggctn gaaattnacc ggcantgct gtgcatctgg gccttgcttt 60
gctccagctn gtcaganccg aagnccgaga aagtgnntca nancggncng atgggcagcc 120
angcncgtgn catcacaan actcacacac ngacttcaag anagcctttg ggtcatcgct 180
cccttttctg tcctttttgt gcattttagg acaccgctgt ggtctgtcca agctgttctc 240
aaaacctgtg aggtaacaga aaaaaaa 267

<210> 496
<211> 373
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(373)
<223> n = A,T,C or G

<400> 496
aacacaggct ttgcttcaac atgagcaaag tctctgcgca ttcaacccca aagggtctgac 60
ctaccttgcc cagccgacag ccgctgaggg agtagctgga ctgagagagt gctgctccag 120
tgcttttgac atcttgtcta acaaggcacc caggcttccc cgtgggcggg ggcggggcgg 180
ngggcagtga actttgatga ggggctgtgg aacacagact tctgaactag actgcttggn 240
cttcactgct anctctaaca tgngctgctg catanagaga gttanacccc tgcctctnna 300
tcatactgaa natgactgnt gaaagagana atgaaaaant acctgggttaa aaagagaata 360
aacactaaaa acc 373

<210> 497
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 497
gcctggagga ggtgcagcgc actgcctaca cctntgagag ngggntgggg cctgcaaccc 60
aggccctttc caaganatct ggcntggcct gcaaggcatc tgcccacccc ttaacagcat 120
cctgcccngt tttctttgac tgttg 145

<210> 498
<211> 205
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(205)
 <223> n = A,T,C or G

<400> 498							
tcaacggcca	tgtccgattt	gacctgcccc	cgcanggctc	tgtcctggcc	cggaatgttt		60
ncacccgggc	ctgtccctcc	cngcactagc	cctgctcgcn	ganctgngag	gaagaanagg		120
acagggctgt	accgaccgga	aaagggggac	ctggaagagc	cgcccggccc	taaaaatctn		180
ctaagaagaa	aagcaggggg	gagac					205

<210> 499
 <211> 379
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(379)
 <223> n = A,T,C or G

<400> 499							
ccctcctgga	gacagatgga	agctccttgg	gtcgacagat	tacagcttct	ggaacccct		60
actcccttca	actccgagat	ggacacccac	tgtccaggga	gaggatgcct	ggaaataaca		120
gctgggatct	acagtggcca	aagagttgtc	tccgtcttgc	tacatcgaca	aactggngct		180
cctgagtgtg	gattgngccc	tgggatggng	gattcagttc	nttcatttat	agttggaaga		240
agantnaaga	ggatgtagn	tgtccntntt	tntattccat	gcncagtgc	aagagngact		300
gnaccctcca	aanggangtn	ccgtgatggn	ncttcnaatg	cntgcccga	ngccgatgat		360
caaccctgca	ctccaaaag						379

<210> 500
 <211> 113
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(113)
 <223> n = A,T,C or G

<400> 500							
atctcacgta	ccagatgcta	acanaggang	ggncgtgangc	agcctggctg	ccacaggctg		60
canaaaggct	cccgatggnc	atnagaccat	atngaccgac	ccagaggcca	ccg		113

<210> 501
 <211> 147
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(147)
 <223> n = A,T,C or G

<400> 501							
catccaacgt	gtgatnagcc	catntctgtc	canctggggg	aggcactttg	tgctgnncac		60
canntcaacc	tgcttaangn	tgatgacatc	actgaaactn	tagngnatgg	gccngcctct		120
gtaaaatcga	tcgagagggc	aaaccac					147

<210> 502
 <211> 169
 <212> DNA
 <213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 502
aataattgtc tccccgcctg gccaatcage cctcttttcg gcaatactnc angctacctc      60
agagcatcga actccaagca cttnacanta ctggtttgng gantcncana acnaccctaaa      120
gancagcccc natnantncc ttgtnctgan gggggatccc gcatacatc      169

<210> 503
<211> 213
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(213)
<223> n = A,T,C or G

<400> 503
cttttttaaac agactganca ccgngtgctt ctgcgtcaag atgatctgat gtctgaagtg      60
gactctcact aacctgatg gcgacacaga cgctaagtat agacagctat caagatggac      120
agcaaagcat ctgagttcag ttcccagaat ccctggcagc ttacaactgc ccgtaactcc      180
agctcatata tatgtaaatc aaaataaaaat aaa      213

<210> 504
<211> 176
<212> DNA
<213> Mus musculus

<400> 504
ccctgacgat ttacaggaga tacaggaact tattaatgta atgagacaaa ctgggtttcat      60
tttcctacaa aggaagaaa gattgtagct acactgtgat ctttaagtagg aaatgtcctt      120
gtgccagagg ttcaaaggaa gcaccagcca tcgtttaatg agctccgctc gagcca      176

<210> 505
<211> 103
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 505
aagcttcacg ggtaatgacc caccttggag aatgggaaa ctttatnaag ngggtagang      60
agaattttcc tgacactaaa gaataccttg atgacattaa aaa      103

<210> 506
<211> 380
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 506
tcctcatgcg ggtgaagtat cttttctttt cctggctggg gggttttgtc ggaagctgga      60
tcatntatgt gcagtattca acctatacag agctatgcag agggaaggac tgtaagaaaa      120

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tcatatgtga	caaatacaag	accggagtta	ttgaccggac	ctgcatgcaa	cagcctctgt	180
gtcacagaaa	cactgtactt	tggaataatgt	ctgtccaaca	ngcccagcaa	ccagangtgt	240
ttagnagttn	ttgatnntct	accannngat	gctnanngtn	nnntgggnaca	agctnttcat	300
nttgnctnnn	tanntgnnnt	ggatncnnta	nctgnagtat	cagctatatg	atanaccgac	360
caggggaact	actgctctta					380

<210> 507
 <211> 186
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(186)
 <223> n = A,T,C or G

<400> 507						
aatttgagca	ctctgtggct	ggctgactta	taaattgacc	tgatangtag	gtccttggac	60
tgngatgaaa	gagggcgact	gagacactaa	nnctnnatgg	ncttgggctc	cccgtccggn	120
cgggnnttct	tcngagagcag	tagtgaanat	tgggggtgctt	ttacaaagct	ctatagccac	180
catctg						186

<210> 508
 <211> 438
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(438)
 <223> n = A,T,C or G

<400> 508						
gactgagatt	tgcactgggt	agagtctact	gtctgggtctc	cttgggtttct	ctagtccaga	60
ggatgggcaa	cccacacgga	gatacaagac	catttgaaag	atgcctgatt	gaaagattgg	120
attgagctgc	cgattcctgt	gagctgtact	gctgatgtcc	tgacaatgca	gattggattt	180
gtcctcaaaga	actatttcta	aacagggttct	tctttgacct	attaatcttt	ccttcccact	240
acctctgggtg	tggngggcta	gaagggacat	taaaacattt	aagaacaaca	accctcgaac	300
tgtgaggctg	tcagcttcag	acaagagaga	ctatttactt	aaatggccaa	tttttgttta	360
aaatggccac	tcaaattaaa	aggaaaagtg	aggatctgga	gagaggctca	ncanttaana	420
acactgactg	atcttcca					438

<210> 509
 <211> 239
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(239)
 <223> n = A,T,C or G

<400> 509						
gactgagggg	cccctctgct	cactgaganc	ctggactttg	aagagncaag	nnnacttng	60
ttgccaggct	cctctaactg	ccnaaggat	gaccttatcc	atctggccag	tncttcaatg	120
ancacttnca	ccnaatanat	ggaattcnca	nccaacagat	ntttcccaa	tgatccctca	180
cctggcggat	tgtctcatat	agnaagacat	cgtcaattca	cctcactgga	gacacagtc	239

<210> 510
 <211> 170
 <212> DNA
 <213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(170)
<223> n = A,T,C or G

<400> 510
ctcaggcctg ctgtcaaaac acaccaatgt ctttgtcagc attcaggagg cagaggcagg      60
cagatcagct gtgagtttgt ggncagcctg gtatctacct caagttccag gtcattcaaa      120
gctacataat gagaccctga tcaaacgaaa tgaaaggaaa caaaaaacaa      170

<210> 511
<211> 305
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

<400> 511
atccccatct tgaatcagag cagctgttga ccaaccacag agcctctgga agtcaggcct      60
atcagcattc ctgcatggaa gantgaggaa ggctcctncc agaagctgta tcaccagtga      120
atgatgactg ggaanaanat tggttgganc aaaagggtgc ntttgatccn ccaaggccct      180
taaaattcca caaaaagggtg gaatttnntt ttgcttaaaa aaaanggggn gggaaatttt      240
ttnaaaaaag ggtttccccc ccntgggga aaggttcccg gaaaaaaaac cccttttttc      300
cccg

<210> 512
<211> 297
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 512
tggcacagcc tgatanaccg nnaganttca ncaactgttgn atgacaatat cacacancaa      60
agtgggtgatn ggctcagccc tcagagacct ggcancatnn aacactattn gtggtnngaa      120
nccccacacnc tcccaacaen catttttgtgt cacagaacca gacgtntgac tcctnacctt      180
gggctnngctg gaccgccttt agaanaagtg tagcctagtg tgnngtcccg atcagaccca      240
tgctgatttn tgcgcttng gatgncgtgc cattttacct gacatttaaa aggcaca      297

<210> 513
<211> 414
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(414)
<223> n = A,T,C or G

<400> 513
gcaggcatac tgtgtaacag tntgtanact gaaaggcctg ggggctatgg agagagacnc      60
cggaaggctn gccagctcc ggctcagcaga cangtctttg tgcgtncccc ttggaagaga      120
nggaggagcg aattgacaca ggatctcatg tgcaacantc tancttcaaa cttgctatgt      180
ancccaagat ggcgacctcc tgatactcct tccagttccc aaatgtnggg gtttcacgca      240
agcaccgtgc aggcacagac atcatacatc tgctacccag gagactgacc tcanaacagg      300
acggagacaa aaggttctcc aaggaaagtt ccagcagagg gaggaggcca catcatctca      360
gaatcatcct aggagaacan caacgcattn catgtcctgc ttcagaatgc taac      414

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<210> 514
 <211> 172
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 514
 ttttattccc ccatgctggg catggaggaa aggccttgct atgccacang gnggngngga 60
 gncgncctca cattgggcat tntaagatgg nactgacngc tgggttctaa ggggtaaaca 120
 tagtctgcnc acatgcaggg gcaggtnctc caccatgtgt tctgcctttc cc 172

<210> 515
 <211> 279
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(279)
 <223> n = A,T,C or G

<400> 515
 gcgcgccaac ttcacaactt ccctntcccg tcacaggggg tctatntncc ccgccngttt 60
 ggcggaagga tnccgcgcgc ggnggcggan ncnngctnan ccgtctnccg ccgggctncc 120
 nccccacccc accccacagg nccagagggt nacaagnnnn taagctttng ataatngaa 180
 gctccaggta nagaggatgc ctgccggtga gcacattaca gctnttgctg tttctggtgt 240
 atgtaatat taaggttgaa aaaataaatc tcaaaagca 279

<210> 516
 <211> 363
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

<400> 516
 gactgagatg gataacgacc agccgcctgt ggtgactgcc accctgctgg tgccccttca 60
 gaacggnagc tgcncngaag cagntgaggc cctgctgccc catggcctga tgggattgca 120
 tgaggagcac agntggatga gcaacaggac agagcttcat nacgagctga ncnctggaga 180
 ggtgtncacc gacagcatct tctttgncgc tttgnggtng ntntccatct ttggcaantn 240
 cntngtatgt ctggnccatnc accgcatccg gaggactcag nccaccacca nctacttca 300
 ggngagcatg gcgngtgntg accttctcat cagctgtagn cagnacnccg attgtcgtgc 360
 tgc 363

<210> 517
 <211> 152
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(152)
 <223> n = A,T,C or G

<400> 517
 acatcctatg tggatggggg ccancttaga acaccttagn atgttnagga tatngctttt 60

tagaagcaca	gtnttatata	aaggggccta	taagngggccc	anatagnana	tattantact	120
gncctttgggt	gtgcaactat	gttgcttttg	gg			152

<210> 518
 <211> 351
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(351)
 <223> n = A,T,C or G

<400> 518						
actgtatgat	tactccgtgn	nnnngtcaga	ggatnngctg	aacaggttga	ataaggaggt	60
aacaacaaca	gaagcggtag	agactacagc	ctcttcatac	agtcttcata	caagaactta	120
tggaccctgn	gaatcctgta	accacgaaac	cagtgaccac	agaaccagt	accacagAAC	180
cagtgaccac	agaaccacag	agtccaaatc	agaatgatgc	catgtccacg	ctgcagagtc	240
ctgtgtcctg	ctttctgtta	tgnaacctcc	ttcaaggagg	ggtacatttt	atgtagaagg	300
aagagggcan	cccctggcct	tggtggggng	ctataaagta	attcttacca	g	351

<210> 519
 <211> 358
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 519						
gtgattcctg	gagatatctg	cgtggaaaag	cctgaccac	agtcctgtgt	ctctagccac	60
tggcacctga	aggattccct	ggaacttttg	ccaaggggtg	gctgaggggtg	tgactcgtac	120
tgggcttcca	agagccacca	anctggaggg	gccagggaca	acataaggaa	gcagtaacat	180
cgttntgnga	tgtcacctac	aaaaaaatgn	cacaanccac	annanctgct	gttntggaga	240
tctgngcaac	atctgnctgg	nggaagctnc	gtnaccnct	tgtgcatctt	ggctgctntg	300
ttaccannct	gncctggctc	ttgccaggac	tgtacanctg	naggggtggga	ccgaggggc	358

<210> 520
 <211> 448
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(448)
 <223> n = A,T,C or G

<400> 520						
gagttgctga	actccaanta	ctgttgaggc	taccntggn	annaacatnc	acggncgcgg	60
ggggnnngnc	ttcttacaan	aagccctgcn	ttctgntaaa	ggctggctag	tagtcctgct	120
gtacaaatag	aaaattaaag	ancctctaca	gggaggcggt	tccctcagaa	aataataana	180
catacaagaa	atatatatcc	ccancgtaca	ttcaagtcct	atggngggng	ggctntntct	240
gcatgcacca	ttccacaggc	tcacttntga	tggggcaccc	tgcatctc	nccactact	300
ccctgttnt	nttctggnac	cccaancatg	aactgganct	cccacatctc	acagtganng	360
ctggaccacg	tccaccggg	acataaagct	gcaaanagct	accattctat	gnaccngtng	420
gatgaactga	tcaagccac	cggtctag				448

<210> 521
 <211> 183
 <212> DNA
 <213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(183)
<223> n = A,T,C or G

<400> 521
actgagggtat gaactgctag agaaataaaag ttctgccaaa atattgcata tactagtatc      60
ttgtaacatg ctttcttgaa agattttggn gctttanagg gtncacacct gtgctacagg      120
ggactgggaa aaagtggaaa taaagtgatt gtatttttta atcatcaccg tataaaaaaa      180
aaa                                                                    183

<210> 522
<211> 110
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(110)
<223> n = A,T,C or G

<400> 522
catgttttat ttgacaattc ctgcggcgtn taaagtgaan gtncatannc ccctgngccc      60
gcgctcggtc actcagactc acatagnntt ggctgctggc tgcgttccca                110

<210> 523
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 523
atgcatgact acagcnagcg cannnccnag gnngaggang ccgaggnta cgcagttcct      60
tcacangtnt gnatnnattg cctactgtgt gccannctgt acaagtcttt gtccttgggc      120
tcctgctaac agatttttaa atgtaaatcg acaactgatg ggtgaatgtg aatttgctac      180
tgtgaataaa tatagccagt a                                                                    201

<210> 524
<211> 128
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 524
cagctggctc caaaggtttg ngggntcatt catnnctctg acctcactgn ctgaataaat      60
gaataaaatt ccaaataagc atncttgctc tgaccccggg cctaaaancg gngatcctgg      120
tggggctg                                                                    128

<210> 525
<211> 377
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

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<222> (1)...(377)
 <223> n = A,T,C or G

<400> 525
 aggggtctgct catccctgag tcagcagaag cgaccggcat cagccagaat accaggagaa 60
 gttctttgat gcgtttctct ctatgaagt aagaccagcg aagcattgta cagtgtatca 120
 atgcaagagc tgtctcccca cagttngtgg gggtccattt atattctttc taaacatcac 180
 aagccctctc aagtgtctgc agcaaaacat cacacagccc tctcagaaga cagcgtccag 240
 gaaaacatca cacgatacaa gggagttngc taaaganacc agaattttcc cacttccatc 300
 cagaggcagg tggatcttct gtgagttcaa gaccagnctg ttctacatag canggtttca 360
 agctaggtag ggttaca 377

<210> 526
 <211> 140
 <212> DNA
 <213> Mus musculus

<400> 526
 actcgggac cggttctgaca tttaatgtgg aattttacatg atccctcaca tcccatccca 60
 cggttcatcc acatgaagat tcatccaagg ggaaaaccag agttcttgga agcccagatc 120
 caaaacccaa agaaaaaaaa 140

<210> 527
 <211> 248
 <212> DNA
 <213> Mus musculus

<400> 527
 agaactgagg tctgcctggg cttatgaaga caaagccccc caagaccaat gagcagatgc 60
 cccagcagtt ggccaggatc atctgttgaa caccacctca ggtactccac ccaccagtgg 120
 ccacagttaa gctctggaat gtgctcagga tgatggacaa caaggactta gaagccgaaa 180
 tacacccttt gaagaatgag gacaagaaat cacaggaaaa cccaggaaag cccccgtaaa 240
 aaaaaaaa 248

<210> 528
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 528
 ggtgcatggg cgtgactggt caaaaatttt cgaaacagga agagtaccct cagcaaattct 60
 gagcacattg ggttgacaat cttctcgcag aggcagggtg atcaacctgt ctttcatgcc 120
 a 121

<210> 529
 <211> 281
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(281)
 <223> n = A,T,C or G

<400> 529
 tgaacttgaa gcttgagtta ttganatcag gggcnaacat gctgnaccca acgagtgaag 60
 gggacctttt tgaccaagaa aacatggagg agatctccca actcgcttcc ctggagatgt 120
 ctgggggatg tagtcgcca taaaaactca accagtcgtc ctagaaaaac ccagctaccc 180
 agactccggg tacgttacgg nagcgaacat tnttcagggt attcggatcc aaaggncgcc 240
 agacaaagtc ataataaatt acggaagtga acccctgcaa c 281

<210> 530
 <211> 101

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<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(101)
<223> n = A,T,C or G

<400> 530
caggttctga acagganctt tgacgagcgg cantcaaaga gttaatgctt ctggcctagg      60
agatggcgct nncagatntt nagancagca gctcttcaca t                               101

<210> 531
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 531
tcctgcgctt tgacgacgga gggctactac aggcagnttc tcttgagtca tatgacnatt      60
cttctttcct gccntggaaa ccagtgaact gntnttcctg nnctatgnan tatgaacngt      120
atnacngtcn gtgnagttat ctgcatgaac ctntactag aattaccttt ttagagt          177

<210> 532
<211> 367
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(367)
<223> n = A,T,C or G

<400> 532
agtggggtct ttcatactga gccctggaan aggacaaaat cgctcaggag agactataag      60
gtacaatgtg gacattctca gccttaagat gtggaaatth agccagagct cacagcatgc      120
cgtggagggt gccgacagga caccaactct gcagactgtg tcttctcaga aagccgcgac      180
cagctctgaa aatcaaacc ctttcagctt gtgtcaccta cggaacggac agccagtcag      240
ataaagaaaa caagagaacg gtggaaaagc tcagtgcatt ttcagttgac attagaaaaa      300
tccgcaggct gaaaggatgg ggtgcttcta gaggaagaaa cctacgttga agagattgca      360
aatattt                                           367

<210> 533
<211> 102
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 533
ctcctgtttc cagtgtgatc aatcaccaat acaaaggagt tcattgtgaca nctnccgccac      60
ttttaatatg aagcacttat tgaattataa aaaaagaagc tc                               102

<210> 534
<211> 212
<212> DNA

```

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(212)

<223> n = A,T,C or G

<400> 534

ttctagtgcc	aatcaggaga	gctgaccggg	taccaatttc	tttcaaggtg	ctcccaggtg	60
accatgaata	tcctaaaatgt	agatcaaaga	gaacgtcgta	cgagtgggtac	atccctaaaag	120
gggtcttaaa	gacgggctgg	atgaataagc	acctgaacct	ggtgccggcg	ctggtgggtcg	180
ngttctatga	gctggactgg	gacgagcctc	ag			212

<210> 535

<211> 337

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(337)

<223> n = A,T,C or G

<400> 535

ctgtcaatag	ctgcttggtg	agggggccage	acttctggac	ctctgnetgc	ggcctgggac	60
acagagctta	tatnangntt	ncaaaaancag	atgtgatgga	ctagagagat	ggttcatgcc	120
actaagagag	atnnactgcc	ctagcagaan	accanagata	tctntgttnt	cagcaccat	180
gntggacatc	ttaaaaacccat	ctctaaatcc	ggctctaggt	gatccaatgt	cttcttccca	240
gactccaagg	gcacctgtac	tcaagtgcac	aaaccacat	tttaaaaaaa	aatatgtata	300
ttaaaatata	ataaaaataa	tctcaaaaat	aacaaaa			337

<210> 536

<211> 255

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(255)

<223> n = A,T,C or G

<400> 536

tactatggga	agacccantg	aatcnngggt	ggggcctttc	cctggactgn	ctgangagcg	60
aagaaagcac	tctgagcncc	nentnennag	agaggctgcg	gnctcggnen	ctcatgagct	120
gcacgggaat	gccagangag	gnggcccttt	acctccagcg	gcccggagcc	ccaaagagat	180
gagcctccat	cccctntggn	gtccgccatt	attgattaca	ccntgcccct	ncacctttta	240
cctacttgaa	gcaga					255

<210> 537

<211> 286

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(286)

<223> n = A,T,C or G

<400> 537

gactgagaga	gccgagtnnt	gtcnccacag	ccattggcag	nggcacttgt	atgcccctgn	60
caagcngtct	atcctgaggt	ggaggangnn	nccctngngt	tctggctggt	aaccagcaca	120
gtatncctt	taagcgttcc	aganggantt	tganancctt	tcctaantca	aaggtggaat	180
atntggggat	ntgaanaant	agagaatgcn	aagcgcgtgac	ttaacgagat	gccacgtnan	240

tccgggggatg ccacnctnac natattttccc caaagatgga ggcctt

286

<210> 538

<211> 266

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(266)

<223> n = A,T,C or G

<400> 538

gactgagatg	ctaagccgat	ggttattcca	tcancacctg	cccaccagta	atggaactca	60
ccgaagcata	cagccgtcct	ctnttgntca	tggccagggn	ncangacgca	gggacaacgc	120
ctgntgncag	atgccgnntt	nnggaaaccn	agcnctgccn	agaggantgg	actccgtgca	180
tcaggatgag	ancaaagaga	acngactggg	actggccatg	caccnngng	tcntcaaaac	240
antaggagag	ggcagataaa	tccttg				266

<210> 539

<211> 498

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(498)

<223> n = A,T,C or G

<400> 539

gacgtctggg	gagctcctgc	attaagtcag	actgaggngg	gnncttncat	ganncggtnc	60
tgaacnnnnn	ggngacgcc	ntnccatggc	ctgagctgna	ntnantacct	gncagatacc	120
tatnaattca	tttattncac	cganaanata	tctacctaga	ggatctagat	ntcgtaccat	180
ggcataangc	ggncctgcact	tgttattagg	aagaataaan	agctctgcct	tancagggtg	240
tcaacattaa	tantacanan	aangcttagg	cnncaagacc	ngttacctct	cccaggaagc	300
atgcatgcag	cactgctctg	gtaagcagat	gcctcctttc	ctgaccccg	gcctaaaagc	360
ggtgatcctg	gtggggctgt	tcctcatggt	tctgatcctc	ctcctgggaa	cctctatggt	420
ctgcctcatc	cgtgtggttc	gcanaaagca	ggagcgtg	ctgcgcactg	tttggagcac	480
tgcggatgac	aaggagca					498

<210> 540

<211> 270

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(270)

<223> n = A,T,C or G

<400> 540

gactgagtcg	ttctgccant	ctttaantgt	ctganttacc	ttgaaagang	tgtggagaag	60
tgcacagtag	tcgccagagc	ggntaaatgc	ngagtcntcn	ttcagttctt	cggnaagcat	120
gggtnttaaa	aagacctcac	attgtgtntt	tccaagacag	cccagccctt	tgaaaatttn	180
tctttcaaaa	aagaggctgg	ggngcgaaat	atccctggat	ggtttaaacc	caagncttgg	240
ctggactgaa	ggcccattgg	ggggtttttg				270

<210> 541

<211> 361

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 541
 gtgctgtcac cctactgngg ncatcctgtt tgaacacacg actacctatc cctcaaccag 60
 atcgtngcgc atantaatga agaaacacac aggaacaagt gctgaaaacc anattatnaa 120
 gaacagcttg agcangggcc cgtgatagaa tgactcagcn aggtgtnttt cactataaa 180
 cntgaccggt acccacatgg ccagtaccac caacatccta ngaacctgaa tcctcccaaa 240
 gacaggtgag cgctcgtgat tctctgagca gnaagggaat tttgttttgg gtcttatttg 300
 ccagctgaga aaatgcaaat ggnatattca ttaagatgtn atgcggggag aaaaataaaa 360
 a 361

<210> 542
 <211> 217
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(217)
 <223> n = A,T,C or G

<400> 542
 gcatactgga gtgatctggc atagactcat actgtgttag aaaagggagc ctggntcagn 60
 cctctctggc aggtngcac ctntatnctt ccttcttgga atcaagacat gggattatcc 120
 ttctctctcc cccaggggtc cacagcacag gccctgctct gtgtgagnga cctccttcag 180
 agacacttgc cccatgcagc tcgatgggtt ctgggtt 217

<210> 543
 <211> 427
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 543
 gactgagatg ttaaagtgac accaaggngag tagtgatggn ggtggntgga ggctgggtcat 60
 ctaccttaac agcaaagaca ctaannagat gtntcaagat gctgcgccct ttaccgatgt 120
 ctgagttgtc cacacttcca tcctgatgtc cttatgtggg tgaagatgat cccaacctgn 180
 agccaacaca gaaaagccca taacctgtgg ncctcaccac ctctacagca ntgaagggtc 240
 ccagngtcac cctgtggacc caccacaccc agctgaagaa ggctccagga gataacagag 300
 atgggtggtc atcagggtcct ncaacttcct aaagatagga ctaacggggg gcctattatt 360
 atcgggtgnc ctttctttgn tctttccatt attctgatca ttccaaatat taacccttta 420
 aatactg 427

<210> 544
 <211> 362
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

<400> 544
 ctgggacacag gccatagata cttottgngn aactctcaaa ngttggattg gatatcangg 60
 ccngntcat ancaaaagtc ngngcagnan gcctnctngn acgntcnang ncagggcngg 120
 agacactgan cagccnatct ggcctcagca acnagcacct gacagtnngg acngtanaga 180

aggctctcac	ggctgcnatc	ggaggctgca	aacgccgagn	ttnnccggccc	agcaggtnaa	240
catatgggca	gcaatgctgn	ngctgtcacc	accaccacca	ccatagccac	tgtcaccacc	300
gaggatagga	agaaggactt	taaganaaac	cgatgnctgg	ctattgggat	acagggggac	360
ga						362

<210> 545
 <211> 235
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(235)
 <223> n = A,T,C or G

<400> 545	
gggcacccag	acattctacc
ccacagggtca	cctggctgag
gctganccca	cctgcagcca
aaacnggntg	aanagccatc
tccaagaaac	cacgctacag
ggccagtcgg	aggttgcttg
agccttccag	cactaaggtc
aagggcnaaa	cttgaggggg
tcaccagata	aaagtggctg
ccagacagga	ggaagtactc
cccagcagtg	caaat
ggggggggcc	
	60
	120
	180
	235

<210> 546
 <211> 117
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(117)
 <223> n = A,T,C or G

<400> 546	
cgttaggggc	aaaaacccag
ttgacaagta	taaaggagg
gcgacaggcg	cntgtcagga
gtactcgact	ctcagcctgt
aataaataag	aagaata
	60
	117

<210> 547
 <211> 206
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(206)
 <223> n = A,T,C or G

<400> 547	
gactgaggac	ggtacaccca
ngtgaatatt	tcagnggtnc
ggaccaggct	gacctatgcc
cagcattttt	tttttttaaaa
tangcagggg	aatagggaan
agccctgggn	tgtnctgaaa
tgggatgaaa	ggcagtgcac
gggccc	caccactatg
	60
	120
	180
	206

<210> 548
 <211> 239
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(239)
 <223> n = A,T,C or G

<400> 548	
gttaagaact	gttcagatac
cacgaagtca	tcattgtgacg
tgacagataa	gtgggttgga
	60

gggcatggag	agctacgtcg	tcgccatcgt	catagtgcac	agaggggact	tgaccgtgtg	120
ccgctgctca	gactacatcg	tgccctgcaaa	cgctcctctt	gagccgccag	aatttgagat	180
cgggtggcttt	acagaccaca	taaancgtga	cgatgggaat	ttccaccttg	gacccaagg	239

<210> 549
 <211> 111
 <212> DNA
 <213> Mus musculus

<400> 549						
gactgagagc	tcagagacaa	ggaagcagca	gtcacactgg	gggccacaga	agggccctca	60
gtggcgctcca	tggttggcct	ggaccccaca	ctgagcacaa	gtcacccatt	g	111

<210> 550
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 550						
agcgtgaggg	ttcaaaaagg	attcttctgt	ccaatgagat	catccttcca	gccagtggcc	60
tggtggagac	agagctccag	ttaaccaa	taagtttctc	aacatataaa	aattaaaaaa	120

<210> 551
 <211> 287
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(287)
 <223> n = A,T,C or G

<400> 551						
caaccctgaa	cccacnacia	tgacattatg	atggngcatn	tgaaaattca	ntcaaattct	60
ctaaaagatc	cagcctctgc	cttgaagatg	acctgctctg	aggagaatcc	aactgcnaat	120
tctgggctgg	gnaagangga	aatgggggct	tccagnncca	ttanngngct	gttnccatnt	180
tgngccccng	agcagngtga	gcgnnctncc	ctgnaagata	acccaaanna	tgggggggcg	240
angcgantga	aaaaaggaac	caattcctnt	caggggggatt	ttggagg		287

<210> 552
 <211> 397
 <212> DNA
 <213> Mus musculus

<400> 552						
atactccttg	cttagtttta	ggccattgac	tatgcagcct	agtgactgga	atgatgtgaa	60
aaaacctaag	tatggctact	tgctcagatc	tgcatctcaa	tatcaagaat	ctgttgacat	120
cctggagcta	ggctatttta	cctgggacaa	atacctaaaa	gaaacatgtt	cagtcccagc	180
gcctgtccat	tgcttcaagc	agtcctacac	acctccaagt	aatgagttca	agatcagcat	240
gaaattggaa	gcacaggatc	ccaggaacac	cacatccacc	tgtattgcca	cggtcgttgg	300
attgacaggt	gcccgaacttc	gtctgcgcct	tgatggcagt	gacaacaaga	atgacttctg	360
gagactgggt	gactcctctg	aaatccagcc	accgact			397

<210> 553
 <211> 277
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 553
actgaggaaa gaagangatg gagnagnccg cgaatctgag gccttggtc cegtgtttgg 60
gaccaggagg gaaggagaga agatagattt cgctgagaca cttgcccggg tccctttgtg 120
ggtcagaatg ggtcccgatg agaacctgag tgtgagagtg aaactacgga gtatcatttg 180
tagctttgtt cctcaagact tgccatgaga tttaagtaga gcgcctgtgt ggaaattgtt 240
aattgtagct agtcagatcg aagactattg acagcat 277

<210> 554
<211> 109
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(109)
<223> n = A,T,C or G

<400> 554
tttgacctgc tcctgggaan ttgctgnntc gttaaaggcac tncnntatgg aactgcagca 60
gccnncaagg acagcatctg ctataaccta cagaccgtgg gggaggtct 109

<210> 555
<211> 215
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(215)
<223> n = A,T,C or G

<400> 555
ttcctacagt tccacctacc tcgtgtgtac aaagctgcc a ccttncagnc ctctngggctg 60
gnctcctgta ggacctnga tccacacctc ngactccagn tacnccanc tccacctga 120
anggggntct tgctngccaa natatcanc ctgaattctc ctaacaaagg tgtactgtct 180
gactttatga ctgacntccc tgtaaaccca ctttt 215

<210> 556
<211> 358
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(358)
<223> n = A,T,C or G

<400> 556
actgactgcg agtccccag ttcacctgga gatctagctg ggagcccagg ctgtgacaag 60
acacgcggct gtgcaaaggc ggtagacat tatggaggag acggtggaga agacagtgga 120
gcacctggag gcggaagtga caggctctgct gggcctgctg gaggaactgg cttcaaacct 180
tccacaggg cccttcagcc ccaaacctga cttgcttgga gatgatggtt tctgacttcc 240
agggatggtg gagcctgcca gctgaagtca tccctcanag aaccaagcca ggtcttctctg 300
ccttcctgcc ccacctttgt gtgaaataaa agctccgatt tggaccctaaa aaaaaaaa 358

<210> 557
<211> 471
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(471)

<223> n = A,T,C or G

<400> 557

cacttttcac	gcaatgtccg	atcgtttggg	gcaaataacc	cagggcaagg	atgggaaaag	60
caagtactcg	actctcagcc	tgtttgacaa	gtataaagg	aggtcagtag	gcagctgtca	120
ggtcctcagt	tattcctaga	catggcttac	agagtctcgg	gaaagttgcc	acantccggc	180
ggnngccacc	cgcctgcaaa	cctgccaagc	ctgaagtctg	aaaacaaagg	aaacgacccc	240
aacatcgtga	tagttcccaa	ggacgggaca	ggatgggcca	acaagcagga	ccagcaagac	300
ccaaagagtt	ccagtgtgac	ggcctctcag	ccgccggagt	cgcagncgca	gccggggttg	360
cagaaatctg	tctccaatth	gcagaaaccg	acacagtnta	tcagtcanga	gaacacaaat	420
ncagtgnacg	gtggaccaac	antcatgggc	nnaacagagt	acaagtagtc	g	471

<210> 558

<211> 362

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(362)

<223> n = A,T,C or G

<400> 558

gactgagatg	ggaacagcac	atcgctgtht	tgggggaagt	ctacaactac	tcctgtgaac	60
cagattcaag	aaacaatttc	tancanttgt	gtggtgatct	tctcaaaaac	atcctgtctt	120
tactgttcca	tggccaagaa	gattttccat	gacatgaatg	tcaactacaa	ggctgtggag	180
ttggatatgc	tggaatatgg	caaccagtht	caagatgcgc	ttcacaagat	gactggggaa	240
agaaccgttc	ccaggatatt	tgtcaatgga	cgattttattg	gaggcgcagc	ggacactcac	300
aggcttcaca	aagaagggaa	attgctgcct	ctggttcatc	agtgttattt	aaaaaaaaaa	360
ca						362

<210> 559

<211> 135

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(135)

<223> n = A,T,C or G

<400> 559

ggatgcccct	gggggggttcg	tgtatcgngg	ggtcaatgct	ctacaggcca	nantcaccct	60
tattgaaagg	gangtncctc	caccttngt	tcatggcana	agantataag	ntganagctg	120
tctgcggttc	ccttt					135

<210> 560

<211> 174

<212> DNA

<213> Mus musculus

<400> 560

gaactgaggt	attctcatgg	gagcagtaat	aaaagttata	gagtttataa	agctggcaaa	60
ttggaaggag	gaagaaatgt	ttcgccccaa	catgtttttc	cttctcttgc	tcccacctat	120
tatctttgag	tcaggatact	cactgcacaa	ggggaacttc	tttcagaaca	tcgg	174

<210> 561

<211> 300

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(300)
<223> n = A,T,C or G

<400> 561
atctctactg cctccaacac gccgaatcct ggctganctt ttacagcaaa cagccaactg 60
gaacaagatg aatgtggaac agtaccctgc ccctctggag tgttataatg agttgggaca 120
tgtctctgta gaaagatttg cccaactttg tcaggaactc atggatacac taagggcaat 180
aaggcagccc aagagcctct cttttgctac acgtatatgc cacaatgtg gcgagccctg 240
tgtctatggt caggggggta gactttgttt ttgctggcgg ngaacatgga ttcagaactt 300

<210> 562
<211> 192
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(192)
<223> n = A,T,C or G

<400> 562
atttcgcaac tgaaaacttg aatcatttca gggccatacc cattaaacaa gcacagtgcc 60
aggtaaaatg acaggcgaaa ctgcatccat gaatttacgg agggactatt tggttttcat 120
ttantacttt taccacctca ttttatgtct ccggcaaagc caaaggaacc aaacttactt 180
taaaaaaaaa aa 192

<210> 563
<211> 359
<212> DNA
<213> Mus musculus

<400> 563
ctccaacctg tcaagttggt ggagatcctg caatcgccgc cgccgctgca gcagtcctga 60
aagcggcaga gccatgcagt gagcacatcc agcgaccgcc ggccccacag aggaaggctc 120
cagcctggaa aggaaatgct atgagatggc aagataggga caagagagac agtcctgagg 180
tttctcagtg tgacagcgcc caaaccagag ttcagggtccc aactcacagc caggttccct 240
cgtacgcccc agcgcttcct ctctaagcct tagaagtga aagtatctggg gggtgggaca 300
atcaccaagt atgtctacaa acggctttcc tttaaaccatc atcaataaag cgagcaaga 359

<210> 564
<211> 327
<212> DNA
<213> Mus musculus

<400> 564
ggcaggcaca gctcctctgg cagacgtagg tcctgggtgga aacgggggttc aggggactcc 60
gcagccttca ccagcatgag ccattccagag gagtcaacag aggtgacact gaagactgac 120
gtggagtcag gagccagtgg ctacagtgtc acagggtggag gggatcaggg gatctttgtc 180
aagcaagtac tgaaggactc gtcggctgca aagctgttca acctgagaga aggagatcaa 240
ctgcttagtg cgaccatatt ctttgaccat atgaaatatg aagatgctct taaaatcctt 300
cagtactcag aaccatacaa agttcag 327

<210> 565
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 565

tgtaatggaa tccgatgtcc tcttctggtc tgtctaagag atctacagta aataagtaag	60
taaaaaagaa ggaaagaaa acaagaaaag ganagtgaat gaaagatttt ttaaaaaaa	119

<210> 566
 <211> 125
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(125)
 <223> n = A,T,C or G

<400> 566	
agatcccaa ctccaccaa nagccagctt tangtgtntt aangacagta cnaccatcga	60
gcatggtingc tcctctgnat gnngggagat gatgactgtc ncattgctgt gtgatggcct	120
ggaat	125

<210> 567
 <211> 362
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

<400> 567	
gggatcgttt gcctaagatg cgaccatgcc atccaggctt ctccacaccc tggcaagttt	60
acacagcata tcaagcaaag gctcatcagt gccagagact tacttggctt acattaagac	120
cacttaggaa atcctngaaa gtacattttt gccacagggg gcctgacaat acangctaca	180
ttgacnctnn ttatttgcac cntatgnong ntgancagtt cgganncgnn ncanganata	240
cctggaaang annccgataa catcangaca caagccagac tctttgtcgn taaangctag	300
nccatnnggt tggacngcna aaaacaccng ncaagncnnt gcnccccctt ttgggaatca	360
ca	362

<210> 568
 <211> 186
 <212> DNA
 <213> Mus musculus

<400> 568	
gaccggagct ggctgaggat ccaggcagga gctgtgcagc atctgagtca ggctcgtctt	60
ctccacaccc ccagagccga cctgcctgaa cattcgaggt tattcttagt aactctcagg	120
tttcaactcta gcacactgag catgctcaag tgggtaaata cagaaatctg tttttaaaaa	180
aaaaaa	186

<210> 569
 <211> 101
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(101)
 <223> n = A,T,C or G

<400> 569	
acctgactga gacatgcagc ttccctgtgc ntcactaggc caccaggata tccacctgtg	60
acctcncntg gataaatgtt tctgtttttg aaaaaaaaaa a	101

<210> 570

<211> 137
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(137)
 <223> n = A,T,C or G

<400> 570	
tattctcaga ggaataggga agaattnagg aaaatctggn atttcctacc nngaccangc	60
nncagaagct tcccacannc ntgtaggcat tgccgctcat caggaagtcc cgtcttacgg	120
aagccagtta tcactta	137

<210> 571
 <211> 412
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(412)
 <223> n = A,T,C or G

<400> 571	
tgagcctgat gatagcagat cttaatgatg gaaggtagac gcccatgcan ccttgtgaan	60
caactgggac cacanggnca nagagtcccn tgataccan gtntcatttn ctcaaggacc	120
cagcagactg aggacatctg caaaattcct aaggctagag ngaaagacta cagngaactc	180
taacacccca gcaaggctcc accttctcct atcagagcta cgggacaccc aacctgggac	240
gcacgcagtc ttctctgcag ttgggacagg nnnntnntct gnccttgntt tcccacagcc	300
ngtttttcan nnctnanatt nccatgctng tggggccctg nattttagna natnntggan	360
cannctgtnc ctggggcggn cccagcgctc acctggaaca gaggggagcc ca	412

<210> 572
 <211> 426
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(426)
 <223> n = A,T,C or G

<400> 572	
ggagctgggg agaaggtgaa ggcttgccat gntcannctg gccaagcca ttccagggac	60
tatctttngt tactattgct gtgataaaac accntgacca aaggcaagggt ggagaangan	120
gggttnatth caacttacaa ctcttggttg actccatcac tganaggatt tgaggcataa	180
actcaaggaa caaacctang aggtaggaac tggangacat gggctnggag aagactgctc	240
ttactgggtt ggtncnctatg gtttgcccag ggtgctttct catacaactn aggaccaccc	300
ncgnagnngg gccagaggtg caccacccgt ctgtaactcc agnttcaggg gataatctga	360
tacctctttt tggctccaag aacangcagg catatacaca taaatgcagg gcaaacatt	420
catacg	426

<210> 573
 <211> 767
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

```

<400> 573
gtactgctca aacggacctt cgaggacaga ttgoggagcg tctactcgag acagcagggg 60
gacaagtctg cctccagttc tctcactggt ggatcttgag acaacaggaa aatgacttcc 120
catgacccaa aggcggtcac tcgcagaacc aagggtggctc ccaccaagag gatgagcagg 180
ttcttgaaac actttacggg ggttggggac gactaccaca cgtggaatgt caactacaag 240
aagtgggaga atgaggagga ggaggaggag ccagcgccca catcagcaga gggtaggggc 300
aatgctgcgg gccagatgc cgaggctggc tctgcctcca cggccaggca gtccctggac 360
ttcaggagcc gactgaggaa actcttcagt tcccacaggt ttcaggatcat catcatctgc 420
ctggtgggtcc tggacgccct cctcgtgctt gctgaactcc tcctggattt gaagatcatc 480
gagccggacg agcaagacta tgccggtcac ggcgttccac tacatgagct ttgccatcct 540
ggctctcttc atgttgggag anttttttta agatcttcgg cttncgctta gagttctttc 600
accacaaagt ttgagaaacc tggatgcctt tgtggtggng gggcttttnc gtccttgacc 660
tttggctntt gttaaaagcc cccctctcna aactcttngg gttgctnanc tgctttcntc 720
tttnaggggg gccccctta ccaccgggnt ctccatctcc gggaaaa 767

```

```

<210> 574
<211> 456
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(456)
<223> n = A,T,C or G

```

```

<400> 574
ccttgtaaat gcaatggctg gaagacccta acccctctcc tactccacca agaggagacc 60
tgcagcagat aattgtcagt ttgacagaat cctgtcgaag ctgtagccat gcccttgctg 120
ctcacgtttc tcaacttgag aatgtgtcag aggaagagat ggacagactc ctgggaattg 180
ngttggatgt ggagtacctc ttcacctgcg tccacaaaga agaagatgca gataccaaac 240
aagtgtactt ctacctatct aagctcttga gaaagtcaat tttannaaga ggaaaacctg 300
tggttgaagg ctccttgagg aagaagccgc catttgagaa gccagatatt gaacaggggtg 360
tgaacaactt cgtgcagtac aagtttagtc acttgccatc gaaagaagag gcaggacanc 420
gatccgagct ggcccaagat gtttctgaac cgcatt 456

```